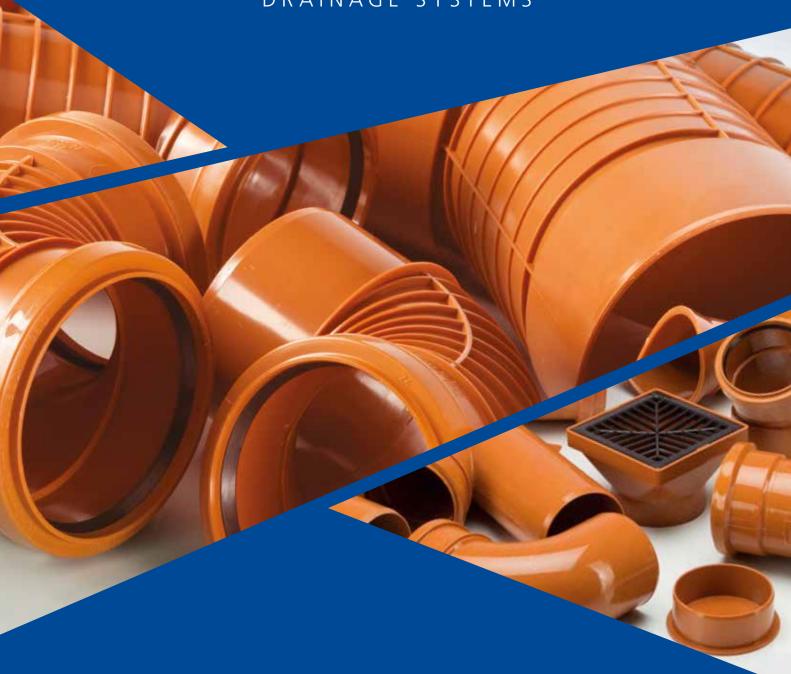


TRADE PRICE LIST 2025

## **Below Ground**

DRAINAGE SYSTEMS





## Welcome to Polypipe



At Polypipe, conceiving, designing, manufacturing and delivering the most advanced products and systems isn't merely an occupation. It's a passion. One that's based around a few simple beliefs. Expertise isn't an option. Quality always beats quantity. Products are nothing without service and support. Sustainability isn't just a 'green' word. And working with our customers is much better than simply supplying them.



















**Enabling Sustainable Building Technology** 



### **Contents**



Polypipe offers a comprehensive range of below ground drainage products, incorporating all necessary systems for the disposal and redistribution of waste water and rainwater.

For further information on all above ground products, or for technical assistance, call **01709 770000**, visit our website **www.polypipe.com/housing** or contact your local Polypipe Area Manager.

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Plain Ended Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
3in/82mm. 3m length.	UG330	1	104	50E	137.12		
3in/82mm. 6m length.	UG360	1	104	50E	273.62		
4in/110mm. 3m length.	UG430	1	57	50E	80.54	bsi	
4in/110mm. 6m length.	UG460	1	57	50E	160.53	Plastic Pipework	
6in/160mm. 3m length.	UG630	1	46	50E	226.94	KITEMARK™ KM 583143	
6in/160mm. 6m length.	UG660	1	46	50E	390.54	BS EN 13476 WIS 4-35-01 BE EN 1401-1	
Single Socket Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 3m length.	UG432	1	57	50E	103.71	bsi	70
4in/110mm. 6m length.	UG462	1	57	50E	178.82	Pipework	
6in/160mm. 3m length.	UG632	1	46	50E	274.48	KM 583143 BS EN 13476	
6in/160mm. 6m length.	UG662	1	46	50E	451.78	BS EN 13476 WIS 4-35-01 BE EN 1401-1	
Plain Ended Perforated Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 6m length.	UG465	1	57	50E	319.80		
6in/160mm. 6m length.	UG665	1	46	50E	602.58		
Single Socket Perforated Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 6m length.	UG469	1	57	50E	342.40		
6in/160mm. 6m length.	UG669	1	46	50E	674.24		
Temporary Pipe Cap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. For Site protection of Plain End Pipe.	PC04	1	100	51M	7.18		
Single Socket Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
3in/82mm. Requires Solvent Welding.	USH33	1	20	51M	25.84		S AND ASSESSMENT
4in/110mm. Requires Solvent Welding.	USH43	1	10	51M	28.32		
6in/160mm. Requires Solvent Welding.	USH643	1	20	51M	60.98		
Double Socket Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
3in/82mm. Remove Centre Stop for use as Slip Coupling.	UG301	1	20	51M	28.37		
4in/110mm. Slip Coupler - No Centre Stop	UG400	10	10	51M	20.64	Plastic Piping Systems	12.4
6in/160mm. Slip Coupler - No Centre Stop	UG600	1	10	51M	51.00	KITEMARK™	
4in/110mm. With Centre Stop	UG401	10	10	51M	20.92	KM 06383 BS EN 1401-1	
6in/160mm. With Centre Stop	UG601	1	10	51M	51.85		



Polypropylene Double Socket Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
4in/110mm. Do Not Solvent Weld.	UG402	10	10	51M	16.18
6in/160mm. Do Not Solvent Weld.	UG602	1	10	51M	41.23





Single Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
3in/82mm. 87½°.	UG312	1	10	51M	49.46	
4in/110mm. 87½°.	UG489	10	10	51M	34.98	Plastic Piping Systems KITEMARKIM KM 07550 BS EN 1401-1
Sin/160mm. 87½°.	UG612	1	5	51M	124.51	Plastic Piping Systems KITEMARK™ KM 06383 BS EN 1401-1
in/82mm. 45°.	UG304	1	20	51M	49.46	
in/110mm. 45°.	UG404	10	10	51M	35.11	
in/160mm. 45°.	UG604	1	10	51M	124.51	
in/110mm. 30°.	UG468	10	10	51M	36.55	Plastic Piping Systems
in/160mm. 30°.	UG668	1	10	51M	129.32	KITEMARK™
in/110mm. 15°.	UG410	10	10	51M	36.55	KM 06383 BS EN 1401-1
in/160mm. 15°.	UG610	1	10	51M	129.32	
in/110mm. 11¼°.	UG408	10	10	51M	40.28	

Double Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. 87½°.	UG484	10	10	51M	44.16	Plastic Plping Systems  KITEMARK™  KM 07550 BS EN 1401-1
6in/160mm. 87½°.	UG611	1	5	51M	145.44	
4in/110mm. 45°.	UG403	10	10	51M	44.38	
6in/160mm. 45°.	UG603	1	10	51M	145.44	/bsi Plactic
4in/110mm. 30°.	UG467	10	10	51M	42.20	Plastic Piping Systems
6in/160mm. 30°.	UG667	1	10	51M	151.56	KITEMARK™  KM 06383
4in/110mm. 15°.	UG409	10	10	51M	43.94	KM 06383 BS EN 1401-1
6in/160mm. 15°.	UG609	1	10	51M	151.56	
4in/110mm. 11¼°.	UG407	10	10	51M	48.31	

87½° Long Radius Bends	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. 87½° Long Radius - Single Socket.	UG412	10	10	51M	36.99	ړل
4in/110mm. 87½° Long Radius - Double Socket.	UG411	10	10	51M	44.16	
4in/110mm. 87½° Long Radius - Double Socket Rest Bend.	UG483	10	10	51M	57.75	







Adjustable Bend Double Socket	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm 30°. PP Do Not Solvent Weld	UG494	1	10	51M	56.54	
4in/110mm 90°. PP Do Not Solvent Weld	UG479	1	10	51M	72.16	
Long Radius Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	



Long Radius Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. 87½° Plain Ended.	UG471	1	7	51M	150.50	
6in/160mm. 87½° Plain Ended.	UG671	1	1	51M	272.12	
4in/110mm. 45° Plain Ended.	UG472	1	10	51M	132.35	
6in/160mm. 45° Plain Ended.	UG672	1	10	51M	199.91	
4in/110mm. 22½° Plain Ended.	UG473	1	10	51M	110.66	
4in/110mm. 11¼° Plain Ended.	UG474	1	10	51M	111.14	



UG471

Equal Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
3in/82mm. 87½° Double Socket.	UG324	1	10	51M	87.55
4in/110mm. 87½° Double Socket.	UG424	10	10	51M	68.25
6in/160mm. 87½° Double Socket.	UG624	1	5	51M	251.42
4in/110mm. 45° Double Socket.	UG406	10	10	51M	68.25
6in/160mm. 45° Double Socket.	UG606	1	5	51M	251.42
4in/110mm. 87½° Triple Socket.	UG423	10	10	51M	82.36
6in/160mm. 87½° Triple Socket.	UG623	1	5	51M	269.35
4in/110mm. 45° Triple Socket.	UG405	10	10	51M	82.36
6in/160mm. 45° Triple Socket.	UG605	1	5	51M	269.35





UG406

Unequal Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
6in/160mm. 87½° Double Socket (160 x 160 x 110mm).	UG644	1	5	51M	212.46		
6in/160mm. 45° Double Socket (160 x 160 x 110mm).	UG636	1	5	51M	212.46	Plastic Piping Systems  KITEMARK™  KM 06383 BS EN 1401-1	
6in/160mm. 87½° Triple Socket (160 x 160 x 110mm).	UG643	1	5	51M	233.59		116644
6in/160mm. 45° Triple Socket (160 x 160 x 110mm).	UG635	1	5	51M	233.59	Plastic Piping Systems  KITEMARK™  KIO 6383  BS EN 1401-1	UG644

Level Invert Reducer	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
4in/110mm. 110mm Spigot x 82mm Socket.	UG421	1	20	51M	47.10
6in/160mm. 160mm Spigot x 110mm Socket.	UG621	1	10	51M	90.74







Plain Socket Plug	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		2
3in/82mm. Also for site protection of socket.	UG320	1	10	51M	27.93		
4in/110mm. Also for site protection of socket.	UG420	1	10	51M	27.03	Plastic Pliping Systems	
6in/160mm. Also for site protection of socket.	UG620	1	10	51M	54.86	KITEMARK™  KM 06383 BS EN 1401-1	
Bottle Gully	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Plain (Roddable) inc. round PP grid (Black).	UG425	5	5	51M	122.38	Plastic Pipework KITEMARK™	
Back Inlet Bottle Gully	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Roddable inc. round PP grid (Black) (Open 110mm rear inlet).	UG427	5	5	51M	155.58	Plastic Pipework KITEMARK™	T
Back Inlet Bottle Gully Square Top	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Removable dip tube provides 50mm deep trap. Roddable inc. black PP screwed grid, capped 110mm rear inlet and 2 bosses (cut ends off rubber blanking caps to adapt to 40mm waste pipe)	UG446	1	1	51M	194.28		
Bottle Gully Ancillaries	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Bottle Gully Ancillaries  Round Aluminium Grid.	Code UG442	Pack Qty.					
		Qty.	Qty.	Group	Each £	bsi Plastic Pipevork	
Round Aluminium Grid.	UG442	Qty.	<b>Qty</b> . 50	Group 51M	Each £ 38.28	/ Plastic \	UG426
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with	UG442 UG433	Qty. 1 1	<b>Qty.</b> 50 10	51M 51M	38.28 199.08	Piasuc Pipework KITEMARK™	UG426
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with BossShoulder for waste connection.  Raising Piece marked for cutting to	UG442 UG433 UG427S	Qty.  1  1  1	Qty. 50 10 25	51M 51M 51M	Each £ 38.28 199.08 33.45	Pipsucr Pipework  KITEMARK**  KM 59284  BS 4660  Plastic  Pipework	UG426 UG427S
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with BossShoulder for waste connection.  Raising Piece marked for cutting to required height max 225mm.	UG442 UG433 UG427S UG427R	Qty.  1  1  1  1	Qty. 50 10 25 10	51M 51M 51M	Each £  38.28  199.08  33.45  35.42	Pipsucr Pipework KITEMARK™ KM 59284 BS 4660	
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with BossShoulder for waste connection.  Raising Piece marked for cutting to required height max 225mm.  Spare PP Round Grid.	UG442 UG433 UG427S UG427R UG426	Qty.  1  1  1  1	Qty. 50 10 25 10 100	51M 51M 51M 51M	Each £  38.28  199.08  33.45  35.42  14.21	Plastic Pipework  KITEMARK'M  KM 59284 BS 4660  Plastic Pipework  KITEMARK'M  KM 59284 KM 59284 KM 59284 KM 59284	
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with BossShoulder for waste connection.  Raising Piece marked for cutting to required height max 225mm.  Spare PP Round Grid.  Spare Square PP Grid (Black) for UG446	UG442 UG433 UG427S UG427R UG426	Qty.  1  1  1  1  1	Qty. 50 10 25 10 100 15	51M 51M 51M 51M 51M 51M	Each £  38.28  199.08  33.45  35.42  14.21  17.00	Plastic Pipework  KITEMARK'M  KM 59284 BS 4660  Plastic Pipework  KITEMARK'M  KM 59284 BS 4660	UG427S
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with BossShoulder for waste connection.  Raising Piece marked for cutting to required height max 225mm.  Spare PP Round Grid.  Spare Square PP Grid (Black) for UG446  4in/110mm. Back Entry Bend.  Square Top surround - Black PP 228mm x	UG442 UG433 UG427S UG427R UG426 UG4465 UG4465	Qty.  1  1  1  1  1  1	Qty. 50 10 25 10 100 15	51M 51M 51M 51M 51M 51M	Each £  38.28  199.08  33.45  35.42  14.21  17.00  39.94	Plastic Pipework  KITEMARK'M  KM 59284 BS 4660  Plastic Pipework  KITEMARK'M  KM 59284 BS 4660	UG427S
Round Aluminium Grid.  Sealed Access Cover (Aluminium).  4in/110mm. Blanking Plug with BossShoulder for waste connection.  Raising Piece marked for cutting to required height max 225mm.  Spare PP Round Grid.  Spare Square PP Grid (Black) for UG446  4in/110mm. Back Entry Bend.  Square Top surround - Black PP 228mm x 228mm (not for UG433).	UG442 UG433 UG427S UG427R UG426 UG4465 UG4465 UG480 UG418	Qty.  1  1  1  1  1  Pack	Qty. 50 10 25 10 100 100 25 400 15 400 Bulk	51M 51M 51M 51M 51M 51M 51M FIM FIM	Each £  38.28  199.08  33.45  35.42  14.21  17.00  39.94  24.97	Plastic Pipework  KITEMARK'M  KM 59284 BS 4660  Plastic Pipework  KITEMARK'M  KM 59284 BS 4660	UG427S

207.28

AFV160

6in/160mm. Spigot/Socket.



Lowback 'P' Trap (Spigot Outlet/ Socket Inlet)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. To convert to 'S' Trap add 87½° Bend. To convert to 'Q' Trap add 45° Bend. Invert depth not to exceed 600mm when used below Hoppers. Drop Rod hole is for suspended system.	UG498	1	10	51M	100.96	Plastic Pipework KITEMARK™ KM 59284 BS 4660	
Universal Gully Trap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Spigot 45°.	UG413	1	10	51M	58.39	Plastic Pipework  KITEMARK™  KM 59284 BS 4660  BBA APPROVATION  CESTIFICATE BIA 20000  CESTIFICATE BIA 20000  CESTIFICATE BIA 20000  CESTIFICATE BIA 20000	
Back Inlet Square Hopper	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		AND THE REAL PROPERTY.
4in/110mm. Spigot Outlet inc square PP Grid (Black) use with UG413.	UG414B	1	20	51M	60.92		
Square Hopper - Socket	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Solvent Socket inc. Square PP grid (Black).	UG414	1	30	51M	45.39	Plastic Pipework  KITEMARK™  KM 59284 BS 4660	
						CERTIFICATE 89/2206	
Raising Piece for UG414/ UG414B	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	CERTIFICATION CERTIFICATE 89,72006	
Raising Piece for UG414/ UG414B	Code UG470				Price Each £	CERTIFICATE 88/2008  Plastic Pipework KITEMARK™  KM 59284 BS 4660  BBA ABPROVINT TESTING CERTIFICATE 88/2008	
UG414B		Qty.	Qty.	Group	Each £	Pipework KITEMARK™ KM 59284 BS 4660	



Spare Square PP Grid (Black) for UG414/UG414B	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm x 150mm.	UG415	1	100	51M	14.21	Plastic Pipework KITEMARK™ KM 59284 BS 4660  BBA APPROVAL INSECTION CERTIFICATION CERTIFICATION CERTIFICATION CERTIFICATION	upr -dh.
Rectangular Hopper	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 140mm Spigot inc rectangular PP grid (Black). 275mm x 175mm.	UG428	1	5	51M	60.39	Plastic Pipework KITEMARK™  KM 59284 BS 4660  BBA APPROVAL STRINGTON CERTIFICATION CERTIFICATION  CERTIFICATION BIS/92008	7
Spare Rectangular PP grid (Black)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		3-
250mm x 150mm for UG428.	UG429	1	10	51M	14.88	BBA APPROVAL NI MERCHON CERTIFICATE 89/2206	
Square Hopper - Spigot	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Spigot Tail (104mm) inc Square PP grid.(Black)	UG417	1	10	51M	57.57	Plastic Pipework KITEMARK <sup>IM</sup> KM 59284 BS 4660	7
Spare Square PP Grid (Black) for UG417	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
155mm x 155mm.	UG4176	1	100	51M	14.21		Hilliam
Square Sealed Cover for UG417	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
155mm x 155mm. Converts UG417 Square Hopper from Open Grid to Sealed Cover	UG4175	1	100	51M	21.93		
Waste Inlet Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
For 40mm Pipe. Cut off base and use in the UG417 Boss Connection. Also fits UG446.	UG4177	1	10	51M	10.93		

9

# **Drainage**Polycore and Polyrib Drainage - PVCu



Polycore Plain Ended Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 3m length.	UFC430	57	57	103E	67.84	Mastic Pipework	
4in/110mm. 6m length.	UFC460	57	57	103E	135.20	KITEMARK™  KM 578526 BS EN 13476-2	
6in/160mm. 3m length.	UFC630	46	46	103E	182.20		
6in/160mm. 6m length.	UFC660	46	46	103E	328.97	BBA APPROVAL TESTING TESTING CERTIFICATION CERTIFICATE BB//2006	
Polycore Single Socket Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 3m length.	UFC432	57	57	103E	87.31	bsi Plastic Pipework	
4in/110mm. 6m length.	UFC462	57	57	103E	150.61	KITEMARK™  KM 578526 BS EN 13476-2	
6in/160mm. 3m length.	UFC632	46	46	103E	220.28		
6in/160mm. 6m length.	UFC662	46	46	103E	380.59	BBA APPROVAL MESPECTION MESPECTION CERTIFICATE 88/2208	
Couplers	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		(February)
4in/110mm. Double Socket Coupler (Remove Centre Stop for use as slip coupler).	UR401	10	10	59M	18.69		
6in/160mm. Double Socket Coupler (Remove Centre Stop for use as slip coupler).	UG601	10	10	51M	51.85	BBA REPREVAL BBA RESTING CONTINUED TO STATE AND CONTINUED TO STATE A	San
Reducer	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
6in/160mm. 160mm Spigot x 110mm Socket.	UG621	10	10	51M	90.74	Plastic Piping Systems KITEMARK <sup>IM</sup> KM 06383 BS EN 1401-1	
87½° Single Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Spigot Short Radius Swept Bend.	UR412	10	10	59M	31.38		
6in/160mm. Socket/Spigot Short Radius Swept Bend.	UR612	5	5	59M	112.90	BBA APPROVAL MSPECTION TESTING OF CERTIFICATION CERTIFICATION	
45° Single Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Spigot.	UR404	10	10	59M	31.38		
6in/160mm. Socket/Spigot.	UR604	10	10	59M	112.90	BBA APPROVAL MUSPECTION TESTING CERTIFICATION CERTIFICATION	
30° Single Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Spigot.	UR468	10	10	59M	32.69		
6in/160mm. Socket/Spigot.	UR668	10	10	59M	111.15	BBA APPROVAL MISPECTION TESTING OF CHITHCATION CERTIFICATE 80/2200	
15° Single Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Spigot.	UR410	10	10	59M	32.69		
6in/160mm. Socket/Spigot.	UR610	10	10	59M	111.15	BBA APPROVAL MASPICTION TESTING CERTIFICATION CERTIFICATION	

# **Drainage**Polycore and Polyrib Drainage - PVCu



87½° Double Socket Bend	Code	Pack	Bulk	Product	Price		
4in/110mm. Socket/Socket Short Radius		Qty.	Qty.	Group	Each £	<b>*</b> :	1
Swept Bend.	UR411	10	10	59M	39.75		100
6in/160mm. Socket/Socket Short Radius Swept Bend.	UR611	5	5	59M	131.88	BBA REPERCITOR TESTING CERTIFICATE 89/2208	
45° Double Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Socket.	UR403	10	10	59M	39.75		
6in/160mm. Socket/Socket.	UR603	10	10	59M	131.88	BBA APPROVAL MASPECTION TESTING CERTIFICATE 89/2508	
30° Double Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Socket.	UR467	10	10	59M	37.79		
6in/160mm. Socket/Socket.	UR667	10	10	59M	130.24	BBA APPROVAL MASPICITION TESTING CERTIFICATE 89/2208	
15° Double Socket Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket/Socket.	UR409	10	10	59M	39.23		
6in/160mm. Socket/Socket.	UR609	10	10	59M	130.24	BBA APPROVAL MARKETION TESTING CERTIFICATE 89/2208	
Equal Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 87½° Double Socket/Spigot.	UR424	10	10	59M	61.53		
4in/110mm. 45° Double Socket/Spigot.	UR406	10	10	59M	61.53	<b>.</b>	
6in/160mm. 45° Double Socket/Spigot.	UR606	5	5	59M	228.96		
4in/110mm. 87½° Triple Socket .	UR423	10	10	59M	79.24	BBA APPROVAL MEDICATION TESTING CERTIFICATION CERTIFICATION	
4in/110mm. 45° Triple Socket.	UR405	10	10	59M	73.92		
6in/160mm. 45° Triple Socket.	UR605	5	5	59M	231.48		
Unequal Junction	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		1
6in/160mm. 45° Double Socket/Spigot (160 x 160 x 110mm).	UR636	5	5	59M	183.51		
6in/160mm. 45° Triple Socket (160 x 160 x 110mm).	UR635	5	5	59M	201.72	BBA APPROVIDE THE PROPERTY OF	

### Access Fittings & Puddle Flanges – PVC



45° Rodding Eye Terminal	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Aluminium Plain Oval Top/ Spigot Tail (c/w Plate and Screws).	UG422	1	20	51M	157.88		
4in/110mm. Sealed Oval Top/Spigot Tail.	UG422S	1	20	51M	170.85		
6in/160mm. Sealed Oval Top/Socket Tail.	UG622S	1	8	51M	391.72		UG522
4in/110mm. Aluminium Sealed Square Top/Socket Tail.	UG416S	1	15	51M	185.69		
4in/110mm. Black PP Sealed Square Top/ Spigot Tail. Tail angled 45° (Do not Solvent Weld).	UG522	1	10	51M	132.05		UG521
4in/110mm. Black PP Sealed Square Top/ Socket Tail. Tail angled 45° (Do not Solvent Weld).	UG521	1	10	51M	146.84		
4in/110mm. Black PP Sealed Square Top/ Socket Tail. Straight 90° (Do not Solvent Weld).	UG523	1	10	51M	146.84		UG523
4in/110mm. Black PP Sealed Square Top/ Spigot Tail. Straight 90° (Do not Solvent Weld)	UG524	1	10	51M	132.04		
Access Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		_
4in/110mm. Single Socket with 3 Boss Shoulders.	USA43	1	10	51M	104.33	Plastic Pipework	
6in/160mm. Single Socket - Plain only.	USA643	1	10	51M	229.46	KM 59284 BS 4660	
Screwed Access Plug and Cap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Spigot Tail. Plug.	USA62	1	20	51M	47.35	bsi Plastic	
6in/160mm. Spigot Tail. Plug.	USA662	1	10	51M	106.70	Pipework  KΠΕΜΑΓΚ™	
4in/110mm. Solvent Socket Tail. Cap.	USA63	1	20	51M	50.81	KM 59284 BS 4660	USA62
Access Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 92½° Single Socket.	USB413	1	10	51M	146.84		
Puddle Flange	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Ring seal socket/Solvent socket 200 x 200mm Grey PVC Flange.	PUD110	1	10	51M	221.61	Plastic Pipework	
6in/160mm. Ring seal socket/Solvent socket 240mm x 240mm Grey PVC Flange.	PUD160	1	5	51M	244.93	KITEMARK™ KM 59284 BS 4660	

### Anti-Splash Concrete Surrounds



Supplied factory bonded to PVCu gullys and hoppers as a complete unit ready to install on site

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Bottle Gully (with Anti-Splash Top)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Plain (inc. Round Black PP grid).	UG425AST	1	1	51M	206.61	Plastic Pipework	
4in/110mm. Back Inlet (inc. Round Black PP grid).	UG427AST	1	1	51M	215.15	KITEMARK™  KM 59284 BS 4660	
Bottle Gully Raising Piece (with Anti-Splash Top)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Raising piece marked for cutting to required height (max 225mm).	UG427RAST	1	1	51M	90.49	Plastic Pipework KITEMARK" KM 59284 BS 4660	
Square Hopper (with Anti-Splash Top)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Solvent/Socket Outlet (inc. Square Black PP grid)	UG414AST	1	1	51M	100.01	Plastic Pipework KITEMARK™ KITEMARK™ BS 4660	
Rectangular Hopper (with Anti-Splash Top)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 140mm Spigot End (inc. Rectangular Black PP grid).	UG428AST	1	1	51M	113.63	Plastic Pipework KITEMARK™ KIS 9284 BS 4660	1
Aluminium Square Flush to Top Grids	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Light Duty 207mm x 207mm. For use with square anti-splash tops.	UG454	1	25	51M	58.36	bsi Plastic Pipework	
Heavy Duty 207mm x 207mm. For use with square anti-splash tops.	UG543	1	10	51M	219.27	KITEMARK*M KM 59284 BS 4660	

# **Drainage**Underground Drainage Adaptors



Clay/Cast Iron Adaptors	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. To Spigot.	UG463	1	10	51M	55.43	Plastic Pipework	
4in/110mm. To Socket.	UG464	1	10	51M	74.87	KITEMARK™  KM 59284 BS 4660	
SuperSleve Pipe Adaptors (Polypropylene)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. SuperSleve Socket to PVC Spigot.	UG459	1	30	51M	44.27		
6in/160mm. SuperSleve Socket to PVC Spigot.	UG659	1	20	51M	66.20		
4in/110mm. SuperSleve Socket to PVC Socket.	UG434	1	30	51M	51.52	BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATION	UG459
6in/160mm. SuperSleve Socket to PVC Socket.	UG634	1	20	51M	77.54		
Thick Clay Pipe Adaptors (Polypropylene)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Thick Clay Socket to PVC Spigot.	UG487	1	30	51M	47.35		
6in/160mm. Thick Clay Socket to PVC Spigot.	UG697	1	20	51M	70.09		
4in/110mm. Thick Clay Socket to PVC Socket.	UG486	1	30	51M	54.86		UG487
6in/160mm. Thick Clay Socket to PVC Socket.	UG696	1	20	51M	81.39		
Underground Drainage Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
100mm Ridgidrain socket x 110mm EN1401-1 Spigot Adaptor.	ARD100110	1	10	161M	75.05		
150mm Ridgidrain socket x 160mm EN1401-1 Spigot Adaptor.	ARD150160	1	10	161M	128.05		ARD100110
Ultrarib Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. Ultrarib Socket to EN1401 Spigot.	UG6106	1	1	51M	145.56		
Universal Drain Adaptors (Black EPDM)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Locates on Spigot - Flexible to accept all Waste and Rainwater pipes inc. Square.	UG493	1	250	51M	19.10		9
4in/110mm. Locates on Socket - Flexible to accept all Waste and Rainwater pipes inc. Square.	UG485	1	250	51M	19.10		
Rainwater	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Spigot/Socket to 68mm Round Socket (Do not Solvent Weld Polypropylene).	UG254	1	50	51M	17.75		9
3in/82mm. Spigot/Socket to 68mm Round Socket (PP Do not Solvent Weld Polypropylene).	UG253	1	50	51M	16.14		

# **Drainage**Underground Drainage Adaptors



Waste Pipe Adaptors	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. Socket to 32mm single.	UG455	1	25	51M	35.42		
4in/110mm. Socket to 40mm single.	UG456	1	25	51M	35.42	bsi	
4in/110mm. Socket to 50mm single.	UG457	1	25	51M	40.28	Pipework  KITEMARK™	UG457
4in/110mm. 32mm and 40mm double mixed to Socket.	UG461	1	25	51M	46.62	KM 59284 BS 4660	
4in/110mm. 40mm and 40mm double equal to Socket.	UG492	1	25	51M	46.62		
4in/110mm. Single to Pipe or Spigot (Requires Waste Boss Adaptor).	UG435	1	25	51M	23.49		UG492

In-Floor Waste Adaptors	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Adaptor to 21.5mm overflow	UG255	1	25	51M	17.85	UG255
4in/110mm. Adaptor to 32/40mm waste pipe	UG256	1	25	51M	17.85	UG256
4in/110mm. Adaptor to 50mm waste pipe	UG257	1	25	51M	17.85	UG257
4in/110mm. Drain stopper	UG258	1	25	51M	17.85	UG258

### Settlement Fittings - For situations where differential settlement may be an issue.



Settlement Socket 300mm overall length	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Allows for up to 150mm movement. Overall length 300mm.	SS700	1	1	51M	66.34	
Settlement Socket 370mm overall length	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Allows for up to 220mm movement. Overall length 370mm.	SS701	1	1	51M	111.90	
Settlement Branch Pipe (92½° to Soil)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. 210mm Spigot tail for use with SS704 or 706.	SS702	1	1	51M	107.95	
Solvent Branch only (92½° to Soil)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Solvent weld required pipe length into bottom socket on site. Solvent Socket.	SS703	1	1	51M	83.98	
Settlement 92½° Rest Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Max 150mm movement - for use at foot of soil stack.	SS704	1	1	51M	169.13	
Solvent 92½° Rest Bend only	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	-
4in/110mm. Solvent weld SS700, or SS701 on site. Solvent Socket.	SS705	1	1	51M	83.07	
Settlement 92½° Stub Bend	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Max 150mm movement - NOT to be used at foot of soil stack.	SS706	1	1	51M	169.13	
Solvent 92½° Stub Bend only	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
4in/110mm. Solvent Weld SS700, or SS701 on site. Solvent Socket.	SS707	1	1	51M	77.41	

Settlement fittings are made to order, allow 14 days

# **Drainage**Channel Components - PVCu



Channel Access Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 1.5m Double Spigot.	UG447	1	1	51M	155.31	Plastic Pipework KITEMARK**  KM 59284 BS 4660	
Manhole Connectors	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 0.6m Double Spigot.	UG448	1	1	51M	90.69	Plastic Pipework	
6in/160mm. 0.6m Double Spigot.	UG648	1	1	51M	117.34	KITEMARK™  KM 59284 BS 4660	
Channel Coupling	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		-
4in/110mm. Socket/Socket.	UG449	1	1	51M	38.16	Plastic Pipework	
6in/160mm. Socket/Socket.	UG649	1	1	51M	52.49	KITEMARK <sup>IM</sup> KM 59284 BS 4660	
Channel Bends	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 87½° Single Socket Left Hand.	UG450L	1	1	51M	41.42		
4in/110mm. 87½° Single Socket Right Hand.	UG450R	1	1	51M	41.42		-
6in/160mm. 87½° Single Socket Left Hand.	UG650L	1	1	51M	87.78		W. L.
6in/160mm. 87½° Single Socket Right Hand.	UG650R	1	1	51M	87.78	ha:——	
4in/110mm. 45° Single Socket Left Hand.	UG451L	1	1	51M	41.42	Płastic Pipework	
4in/110mm. 45° Single Socket Right Hand.	UG451R	1	1	51M	41.42	K/TEMARK™  KM 59284 BS 4660	
6in/160mm. 45° Single Socket Left Hand.	UG651L	1	1	51M	87.78		VIII
6in/160mm. 45° Single Socket Right Hand.	UG651R	1	1	51M	87.78		
4in/110mm. 87½° Double Socket.	UG475	1	1	51M	47.93		
4in/110mm. 45° Double Socket.	UG476	1	1	51M	47.93		
Three Quarter Channel Bends (with full socket inlet)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 87½° Left Hand.	UG948L	1	1	51M	79.31	hsi	
4in/110mm. 87½° Right Hand.	UG947R	1	1	51M	79.31	Plastic Pipework	
4in/110mm. 45° Left Hand.	UG946L	1	1	51M	79.31	KM 59284 BS 4660	
4in/110mm. 45° Right Hand.	UG945R	1	1	51M	79.31	a5 4000	

### Channel Components and Shallow Access Chamber Cover & Frame - PVCu



Equal Channel Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 87½° Double Socket Left Hand.	UG452L	1	1	51M	72.01		
4in/110mm. 87½° Double Socket Right Hand.	UG452R	1	1	51M	72.01		
4in/110mm. 45° Double Socket Left Hand.	UG453L	1	1	51M	72.01		
4in/110mm. 45° Double Socket Right Hand.	UG453R	1	1	51M	72.01	Plastic Pipework	
4in/110mm. 87½° Triple Socket Left Hand.	UG477L	1	1	51M	83.64	KITEMARK™  KM 59284 BS 4660	
4in/110mm. 87½° Triple Socket Right Hand.	UG477R	1	1	51M	83.64	BS 4660	
4in/110mm. 45° Triple Socket Left Hand.	UG478L	1	1	51M	83.64		
4in/110mm. 45° Triple Socket Right Hand.	UG478R	1	1	51M	83.64		
Unequal Channel Junctions (160 x 160 x 110mm)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
6in/160mm. 45° Double Socket Left Hand.	UG654L	1	1	51M	135.40	Płastic Pipework	
6in/160mm. 45° Double Socket Right Hand.	UG654R	1	1	51M	135.40	КПЕМАРК™ КМ 59284 BS 4660	
Long Radius Channel Bends (Plain Ended)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
4in/110mm. 87½°.	UG481	1	1	51M	191.76	bsi	
6in/160mm. 871/2°.	UG681	1	1	51M	384.89	Pipework	
4in/110mm. 45°.	UG482	1	1	51M	164.21	KITEMARK™  KM 59284 BS 4660	
6in/160mm. 45°.	UG682	1	1	51M	274.10	85 9000	
110mm Shallow Access Chamber (Depth should not exceed 600mm) (Sockets include captive ring seal for chamfered pipes)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
200mm. Access Chamber Base inc. riser (total height 600m) with 2 x 45° side branch inlets supplied with 2 plugs for unused entries. 200mm socket has angular tolerance of ±7° allowing up to 14° adjustment to accommodate ground fall. Access aperture size: 162x100mm.	UG550	1	2	51M	364.81		
200mm. Round Sealed Cover and Frame complete with seals and fixing screws to cap UG550. If situated in an area where it may be damaged, the frame should be surrounded with concrete to prevent movement and provide extra security. For pedestrian areas only.	UG551	1	12	51M	204.94		
200mm. Square Ductile Iron Cover and Frame to cap UG550 [B125].	UDC200	1	120	51M	256.60		

### Inspection Chambers, Covers and Frames - Polypropylene



### **Loading Classification for Cover and Frames**

 $A15 = \text{Equivalent to Class A15 load category of BS EN 124-1 2015 and BS ISO 15398 2012 (Areas which can only be used by pedestrians and pedal cyclists.)} \\ A35 = \text{Equivalent to Class A35 load category BS ISO 15398 2012 (Private household driveways not part of the Public Highway)}$ 

 $A50 = Tested \ to \ with stand \ 50kN \ test \ load. \ Equivalent \ to \ Class \ A35 \ load \ category \ BS \\ ISO \ 15398 \ 2012 \ (Private \ household \ driveways \ not \ part \ of \ the \ Public \ Highway)$ 

B125 = Class B125 load category of BS EN 124-1 2015 (Driveways, Footways & Landscaped Areas)

### Riser Joints:

The UG566 riser is supplied with a finned seal for on-site assembly.

110mm Shallow Access Chambers (Depth should not exceed 600mm) (Sockets include captive ring seal for chamfered pipes)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
320mm. Chamber Base with 2 x 45° side branch inlets (170mm with 2 blanking plugs).	UG437	1	48	51M	103.62	BBA APROVAL HERICATION CONTINUE 00/2000	UG43
320mm. Chamber Base with 4 side branch inlets - 2 x 45° & 2 x 90° (170mm with 3 blanking plugs).	UG537	1	48	51M	169.13		
320mm Side Riser complete with seal for on-site assembly (172mm).	UG566	1	63	51M	83.10		UG566
320mm. Spare Riser Sealing Ring (For Dry Fix to UG466 only).	UG388B	1	50	51M	13.96	BBA APPROVAL INSPECTION TESTING CERTIFICATE 89/2208	( P)
320mm. Circular Concrete Cover & PP Frame [A15].	UG439	1	45	51M	145.97		UG439
320mm. Aluminium Sealed Cover & Frame [A15].	UG436	1	10	51M	201.00		
320mm. Square Concrete Cover & PP Frame [A15].	UG499	1	45	51M	176.62		LICEO:
320mm. Round Polypropylene Cover and Frame. Complete with seals and fixing screws [A15].	UG501	1	5	51M	188.04		UG50°
320mm. Square Polypropylene Cover and Frame. Complete with seals and fixing screws [A15].	UG502	1	5	51M	174.41	BBA APPROVAL INTERPRETATION CERTIFICATE 800,2000S	UG502
320mm. 320mm. Plastic Frame to Riser & Riser to Riser fixing kit	FRK504	1	10	51M	31.46		
Ductile Iron Cover B125 & Recessed Pavior Cover	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
320mm. Round Ductile Iron Cover & PP Frame [B125].	UDC700	1	60	51M	343.98	bsi Manholes Drainage and Oculy Tops	UDC700
320mm. Square Ductile Iron Cover & PP Frame [B125].	UDC702	1	40	51M	343.98	KITEMARK™  KM 583718 BS EN 124-2	UDC702
Screws-Spare/Replacement	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		9
For UG501, UG502 & UG510 Inspection Chamber Cover and Frame	CFS510	4	100	51M	2.42		

### Inspection Chambers, Covers and Frames - Polypropylene



### **Loading Classification for Cover and Frames**

 $A15 = \mbox{Equivalent to Class A15 load category of BS EN 124-1 2015 and BS ISO 15398 2012 (Areas which can only be used by pedestrians and pedal cyclists.) \\ A35 = \mbox{Equivalent to Class A35 load category BS ISO 15398 2012 (Private household driveways not part of the Public Highway)}$ 

 $A50 = Tested \ to \ with stand \ 50kN \ test \ load. \ Equivalent \ to \ Class \ A35 \ load \ category \ BS \ ISO \ 15398 \ 2012 \ (Private \ household \ driveways \ not \ part \ of \ the \ Public \ Highway)$ 

B125 = Class B125 load category of BS EN 124-1 2015 (Driveways, Footways & Landscaped Areas)

110mm & 160mm Inspection Chambers (Depth should not exceed 1.00m) (Sockets nclude captive ring seal for chamfered pipes)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
60mm. 110mm Chamber Base with 4 ide branch inlets - 2 x 45° & 2 x 90° 220mm with 3 blanking plugs).	UG440	1	20	51M	253.54	MM 61546 BS 7158
0mm. 160mm Chamber Base with 4 e branch inlets - 2 x 110mm x 45° & 2 60mm x 90° (258mm with 4 blanking ugs).	UG670	1	24	51M	311.07	BBA APPROVAL TESTING CENTIFICATION CENTIFICA
0mm. Riser Sealing Ring (For Dry Fix to 4431).	UG488	5	50	51M	15.02	Plastic Pipework KITEMARK** KM 585205 85 EN 13598-1 85 EN 13598-2
0mm. Round Polypropylene Screw down ver & frame BS7158 [A35].	UG511	1	10	51M	244.32	bsi
Omm. Spare Black Ties (30) (for FRK O) - Not suitable for Ductile Iron Frames.	FRK501	30	30	51M	0.55	KM 61546 BS 7158
mm. Side Riser (215mm).	UG431	1	20	51M	125.03	
nm. Round Concrete Cover & propylene Frame [A15].	UG497	1	20	51M	202.43	BBA APPROVAL HER TO THE TENTH OF THE
nm. Square Cover and 65mm Deep Frame propylene. Complete with cover to frame O ring and fixing screws with 350mm restricted access povable) for depths greater than 1.2metres [A35].	UG510	1	20	51M	339.64	
mm. Frame to Riser seal for UG510 are Cover and Frame	UG515	1	1	51M	18.12	
m. Square Ductile Iron Cover and Frame. 75mm Frame with 350mm restricted access for depths er than 1.2metres [B125].	UG520	1	40	51M	782.13	bsi Manholes Drainage and
nm. Square Ductile Iron Cover and 40mm Deep ile Iron Frame [B125].	UG513	1	40	51M	577.01	Gully Tops  KITEMARK™  KM 583718 BS EN 124-2
nm. Round Ductile Iron Cover & 40mm Ductile Iron Frame [A15].	UG419	1	10	51M	271.03	W 11111
nm. Plastic Frame to Riser Fixing Kit (for use with 97, UG510 & UG511).	FRK500	1	10	51M	33.24	
mm. Ductile Iron Frame to Riser Fixing Kit (for use n UG419, UG513, UG520, UDC700, UDC702 & C750).	FRK502	1	10	51M	44.32	
Omm. Riser to Riser Fixing Kit - use 1 kit r riser.	FRK503	1	10	51M	66.45	

### Inspection Chambers, Covers and Frames - Polypropylene



### **Loading Classification for Cover and Frames**

 $A15 = \mbox{Equivalent to Class A15 load category of BS EN 124-1 2015 and BS ISO 15398 2012 (Areas which can only be used by pedestrians and pedal cyclists.) \\ A35 = \mbox{Equivalent to Class A35 load category BS ISO 15398 2012 (Private household driveways not part of the Public Highway)}$ 

 $A50 = Tested\ to\ with stand\ 50kN\ test\ load.\ Equivalent\ to\ Class\ A35\ load\ category\ BS\ ISO\ 15398\ 2012\ (Private\ household\ driveways\ not\ part\ of\ the\ Public\ Highway)$ 

B125 = Class B125 load category of BS EN 124-1 2015 (Driveways, Footways & Landscaped Areas)

Ductile Iron Cover B125 & Recessed Pavior Cover	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
460mm. Round Ductile iron cover & 30mm Deep Ductile Iron frame [B125].	UDC750	1	40	51M	525.28	Manholes Drainage and Guly Tops KITEMARK™  KM 58378 BS EN 124-2	UDC750

110mm Rectangular Inspection Chamber (Depth should not exceed 1.00m) (Sockets include seal for chamfered pipes) (Main channel inlet & outlet are plain end and require couplers or socketed pipes)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
610 x 460mm. Chamber Base with 4 side branch inlets - 2 x LH & 2 x RH x 90° (330mm with 3 blanking plugs).	UG490	1	10	51M	334.19		UG490
610 x 460mm. Side Riser (180mm).	UG491	1	40	51M	213.72	BBA APPROVAL INSPECTION TESTING CERTIFICATE 89, 2208	00130
610 x 460mm. Steel Cover & PP Frame [A35].	UG496	1	10	51M	357.93		

Riser Joints: Sealant conforming to BS EN ISO 11600 should be used for jointing rectangular riser sections.

750mm Manhole Base	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
750mm. Circular Manhole Base 2 x 45° & 2 x 90° (MDPE) Closed Branch Inlets 160mm Spigot. (Depth not to exceed 10m).	UG616	1	5	51M	894.29	7
Spare Blanking Plugs	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
110mm. Polypropylene for 110mm fits UG437, UG440, UG490 & UG670 Bases.	UG445	10	10	51M	16.83	H
160mm. Polypropylene for 160mm Chamber Bases, Pipes and Fittings.	UG645	1	10	51M	17.95	
Screws	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	9
For UG501, UG502 & UG510 Inspection Chamber Cover and Frame	CFS510	4	100	51M	2.42	

### SFA7 Inspection Chambers, Covers and Frames Polypropylene



### **Loading Classification for Cover and Frames**

 $A15 = \hbox{Equivalent to Class A15 load category of BS EN 124-1 2015 and BS ISO 15398} \\ 2012 \ \hbox{(Areas which can only be used by pedestrians and pedal cyclists.)}$ 

A35 = Equivalent to Class A35 load category BS ISO 15398 2012 (Private household driveways not part of the Public Highway)

 $A50 = Tested \ to \ with stand \ 50kN \ test \ load. \ Equivalent \ to \ Class \ A35 \ load \ category \ BS \ ISO \ 15398 \ 2012 \ (Private \ household \ driveways \ not \ part \ of \ the \ Public \ Highway)$ 

B125 = Class B125 load category of BS EN 124-1 2015 (Driveways, Footways & Landscaped Areas)

Riser Joints: We recommend UG388B seal should be used on all 320mm dia. riser & chamber base joints. Also sealant conforming to BS EN ISO 11600 can be used for jointing the riser sections. To ensure an adequate seal it is imperative that the gap between risers is filled excessively with sealant and any excess, following location, should be smothered around the joints.

200mm Rodding Tee (Depth should not exceed 2.0m)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		JIII.
200mm. Side Riser (2m effective height).	SFA238	1	1	51M	269.02	Plastic Pipework	SFA210
200mm. 110mm Rodding Tee with 2 connections (inlet & outlet).	SFA210	1	1	51M	358.67	KITEMARK™  KM 585205 BS EN 13598-1 BS EN 13598-2	
200mm. Square Cover and Frame [B125].	UDC200	1	120	51M	256.60	Manholes Drainage and Guly Tops KITEMARKI* KM 583718 BS EN 124-2	UDC200
320mm Inspection Chamber (Depth should not exceed 2.0m)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
320mm. 110mm Chamber Base with 2 x 45° base & 6 risers – 1010mm high).	SFA430	1	1	51M	918.52		
320mm. 110mm Chamber Base with 4 side branch inlets - 2 x 45° & 2 x 90° (inc. 3 blanking plugs base & 6 risers – 1040mm high).	SFA530	1	1	51M	1,049.75		
320mm. Side Riser (135mm effective height).	SFA431	1	1	51M	99.35	Plastic Pipework	SFA430
320mm. Two Riser (270mm effective height).	SFA432	1	1	51M	198.72	KITEMARK™  KM 585205  BS EN 13598-1 BS EN 13598-2	
320mm. Four Riser (540mm effective height).	SFA434	1	1	51M	397.43	BS EN 13598-2	UDC700
320mm. Seven Riser (945mm effective height).	SFA437	1	1	51M	695.46		
320mm. Riser Sealing Ring.	UG388	1	50	51M	13.96		- UDC702
320mm. Ductile Iron Cover & Frame [B125].	UDC700	1	60	51M	343.98	Manholes Drainage and Gully Tops	050702
320mm. Square Ductile Iron Cover & PP Frame [B125].	UDC702	1	40	51M	343.98	KITEMARK™  KM 583718 BS EN 124-2	
320mm. Circular Concrete Cover & PP Frame [A15].	UG439	1	45	51M	145.97		UG499
320mm. Square Concrete Cover & PP Frame [A15].	UG499	1	45	51M	176.62		

### IC450 Inspection Chamber Range



### **Loading Classification for Cover and Frames**

 $A15 = \hbox{Equivalent to Class A15 load category of BS EN 124-1 2015 and BS ISO 15398} \\ 2012 \hbox{ (Areas which can only be used by pedestrians and pedal cyclists.)}$ 

A35 = Equivalent to Class A35 load category BS ISO 15398 2012 (Private household driveways not part of the Public Highway)

 $A50 = Tested \ to \ with stand \ 50kN \ test \ load. \ Equivalent \ to \ Class \ A35 \ load \ category \ BS \ ISO \ 15398 \ 2012 \ (Private \ household \ driveways \ not \ part \ of \ the \ Public \ Highway)$ 

 $\mbox{B125} = \mbox{Class B125}$  load category of BS EN 124-1 2015 (Driveways, Footways & Landscaped Areas)

460mm Inspection Chamber	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
C450 - 450mm dia. base with 110mm straightchannel, 2 x 110mm 45° inlets & 2 x 110mm 90° inlets. Supplied with 450mm siser seal & 4 x 110mm blanking plugs. Suitable for Single Wall Pipes.	IC450CRS4	1	8	161M	263.32	
C450 - 450mm dia. base with 160mm straight channel, 2 x 110mm 45° inlets & 2 x 160mm 90° inlets. Supplied with 450mm riser seal, 2 x 110mm & 2 x 160mm planking plugs. Suitable for Single Wall Pipes.	IC450CRS6	1	8	161M	263.32	
450mm dia. riser 2.6m long. For use with both IC450 bases.	IC450RISER	1	4	161M	391.12	bsi
Adaptor for 150mm Polysewer Pipe, For connecting 150mm Polysewer pipe to C450CRS6 base, supplied with a 150mm Polysewer seal.	PS6102	1	10	161M	20.32	Pjestic Pipework KITEMARK <sup>M</sup> KM 585205 BS EN 13598-1 BS EN 13598-2
Spare seal for IC450 riser	SRD450-A	1	1	161M	62.71	
150mm dia. adjustable riser top cap, uitable for UG510 & UG520 covers & rames. Allows up to 190mm height idjustment, has integral restricted access educer ring to 350mm.	SFATA	1	16	161M	166.22	
rame To SFATA Adjustable Riser Top Cap Kit	SRSFATA	1	10	161M	71.06	
re Bolt Spare For SFATA Adjustable Riser op Cap	TAEBX4	4	100	161M	4.31	
160mm. Square Ductile Iron Cover and rame. 75mm Deep Frame with 350mm estricted access for depths greater than .2metres [B125].	UG520	1	40	51M	782.13	Manholes Drainage and Cully Tops KITEMARK™ KM 583718 BS EN 124-2
660mm. Restricted Access Reducer reduces chamber opening to a maximum of 350mm to prevent man entry).	UG514	1	1	51M	176.10	

### IC600 Pipe Riser Inspection Chambers - Polypropylene



Chamber Bases for 150/160mm	Code	Pack	Bulk	Product	Price Each £		
Pipe - Adaptors & Accessories IC600 Base with Straight channel for use with 150mm Polysewer or 160mm Underground (requires adaptor and	IC6BS6	Qty.	Qty.	Group 161M	1,120.97		ST S
SRSW6008 Seal). IC600 Base with Straight channel and two equal 90° branch entries, for use with 150mm Polysewer or 160mm Underground (requires adaptor and SRSW6008 Seal).	IC6CRS6	1	2	161M	1,152.12	EN 13598-2	IC6BS6
IC600 Base IC6BS6 & IC6CRS6 adaptor to 110mm UG	IC6AUG64	1	1	161M	97.49		IC6PS6
IC600 Base IC6BS6 & IC6CRS6 adaptor to 160mm UG	IC6UG6	1	10	161M	36.33		
IC600 Base IC6BS6 & IC6CRS6 adaptor to 150mm PS	IC6PS6	1	10	161M	36.33		
IC600 Base End Cap for IC6BS6 and IC6CRS6.	IC6EC6	1	10	161M	36.33		IC6AUG64
Chamber Bases for 225/250mm Pipe - Adaptors & Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Base with Straight channel, for use with 225mm Polysewer or 250mm Sewerdrain (requires adaptor and SRSW6008 Seal).	13 1C600	1	2	161M	1403.75		3
IC600 Base with Straight channel and two equal 90° branch entries, for use with 225mm Polysewer or 250mm Sewerdrain (requires adaptor and SRSW6008 Seal).	IC6CRS10	1	2	161M	1,442.76	EN 13598-2	IC6CRS10
IC600 Base IC6CRS10 adaptor to 110mm UG	IC6AUG104	1	1	161M	118.38		
IC600 Base IC6CRS10 adaptor to 150mm PS	IC6APS106	1	1	161M	118.38		IC6AUG106
IC600 Base IC6CRS10 adaptor to 160mm UG	IC6AUG106	1	1	161M	118.38		
IC600 Base IC6CRS10 adaptor to 250mm UG	IC6UG10	1	10	161M	70.09		IC6EC10
IC600 Base IC6CRS10 adaptor to 225mm PS	IC6PS10	1	10	161M	70.09		ICOLC TO
IC600 Base End Cap for IC6CRS10.	IC6EC10	1	10	161M	70.09		
Chamber Bases for 300/315mm Pipe - Adaptors & Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
IC600 Base with Straight channel for use with 300mm Polysewer (requires adaptor PS12102) or 315mm Sewerdrain (direct connection) and SRSW6008 Seal. Black.	IC6BS12	1	2	161M	1,870.36		
IC600 Base with Straight channel and two equal90° branch entries, for use with 300mm Polysewer (requires adaptor PS12102), 315mm Sewerdrain (direct connection), or End Cap UG1220 and SRSW6008 Seal. Black.	IC6CRS12	1	2	161M	1,870.36	EN 13598-2	IC6BS12
IC600 Base IC6BS12 & IC6CRS12 adaptor to 300mm PS	PS12102	1	1	161M	122.96		PS12102
315mm End Cap/Socket Plug for IC6BS12 and IC6CRS12	UG1220	1	1	53M	230.99		

### IC600 Pipe Riser Inspection Chambers - Polypropylene



IC600 Riser and Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
600mm dia. riser 3m long. For use with all IC600 bases.	RSW600X3PE8	1	2	161M	783.61	Plastic Pipework KITEMARK™ KM 583143 BS EN 13476-3	
IC600 riser cap, suitable for UG510 & UG520 cover & frames. Compatible with UG514 restrictor ring to 350mm. Requires Seal SRSW6008.	IC6RC	1	1	161M	294.84		RSW600X3PE8
600mm dia. riser to base seal EPDM. For use with RSW600X3PE8 and Riser Cap IC6RC.	SRSW6008	1	1	161M	78.35		

# **Drainage**Polysewer Gravity Sewer System - PVCu



Pipe - Higher Stiffness Class 8	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. 6m Plain Ended.	PS660BU	1	46	160E	166.07		
150mm. 6m Integral Socket.	PS662BU	1	46	160E	190.57		
150mm. 3m Plain Ended.	PS630BU	1	46	160E	82.98		Millian
150mm. 3m Integral Socket.	PS632BU	1	46	160E	91.14		Marie Committee
225mm. 6m Plain Ended.	PS1060BU	1	20	160E	452.36	bsi	
225mm. 6m Integral Socket.	PS1062BU	1	20	160E	480.96	Plastic Pipework	
225mm. 3m Plain Ended.	PS1030BU	1	20	160E	226.09	KITEMARK™	
225mm. 3m Integral Socket.	PS1032BU	1	20	160E	233.74	KM 582885 BS EN 13476-3	PS662
300mm. 6m Plain Ended.	PS1260BU	1	8	160E	689.69		
300mm. 6m Integral Socket.	PS1262BU	1	8	160E	734.89		
300mm. 3m Plain Ended.	PS1230BU	1	8	160E	325.77		
300mm. 3m Integral Socket.	PS1232BU	1	8	160E	354.97		

Couplers	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. Pipe Coupler.	PS601	1	10	161M	46.71	Plastic Pipework KITEMARK™	
225mm. Pipe Coupler.	PS1001	1	1	161M	113.92	KM 582885 BS EN 13476-3	
300mm. Pipe Coupler.	PS1201	1	1	161M	231.76	BBA APPROVAL DESCRIPTION CERTIFICATION OF SEASO	PS601
150mm. Slip Coupler.	PS600	1	10	161M	46.71	bsi Plastic	
225mm. Slip Coupler.	PS1000	1	1	161M	113.92	Pipework  KITEMARK™	
300mm. Slip Coupler.	PS1200	1	1	161M	231.76	KM 582885 BS EN 13476-3	

Reducers	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. 150mm x 110mm Level Invert.	PS621	1	1	161M	96.14		
225mm. 225mm x 150mm Level Invert.	PS1021	1	1	161M	280.11	Plastic Pipework KITEMARK™ KM 582885 SS EN 13476-3	
300mm. 300mm x 225mm Level Invert.	PS1221	1	1	161M	511.39	BBA APPROVED TO THE PROPERTY OF THE PROPERTY O	PS1021

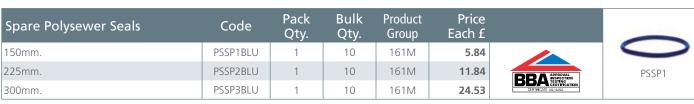
Triple Socket Equal Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
150mm. 45° Equal Junction.	PS605	1	5	161M	163.22	Plastic Pipework
150mm. 90° Equal Junction.	PS623	1	5	161M	163.22	KITEMARK**  KM 582885 BS EN 13476-3
225mm. 45° Equal Junction.	PS1005	1	1	161M	621.61	
300mm. 45° Equal Junction.	PS1205	1	1	161M	1,329.99	BBA APPROVAL MESTING TESTING CERTIFICATE DAY-SIGNED





### Polysewer Gravity Sewer System - PVCu





Socketed pipe & fittings are supplied complete with seals for on-site assembly.

Triple Socket Unequal Junctions (45° unless stated)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm x 110mm EN1401-1.	PS635RS	1	5	161M	150.13		
150mm x 110mm EN1401-1 (92½°).	PS643RS	1	5	161M	150.13	bsi	10
225mm x 110mm EN1401-1.	PS1035RS	1	1	161M	462.26	Pipework	
225mm x 150mm.	PS1031	1	1	161M	386.54	KITEMARK™	PS635
225mm x 160mm EN1401-1.	PS1031RS	1	1	161M	418.03	KM 582885 BS EN 13476-3	1 3033
300mm x 110mm EN1401-1.	PS1235RS	1	1	161M	767.89		
300mm x 150mm.	PS1231	1	1	161M	628.81	BBA APPROVAL NSPECTION TESTING	
300mm x 160mm EN1401-1.	PS1231RS	1	1	161M	691.01	CERTIFICATE 08/3293	
300mm x 225mm.	PS12100	1	1	161M	1,265.98		PS1

Double Socket Short Radiused Bends	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		4
150mm. 90° Bend.	PS611	1	5	161M	93.83		
150mm. 45° Bend.	PS603	1	10	161M	80.22		PS6
150mm. 30° Bend.	PS667	1	10	161M	80.22		130
150mm. 15° Bend.	PS609	1	10	161M	80.22	Plastic Pipework	
225mm. 90° Bend.	PS1011	1	1	161M	418.00	KITEMARK™ )	
225mm. 45° Bend.	PS1003	1	1	161M	323.87	KM 582885 BS EN 13476-3	
225mm. 30° Bend.	PS1067	1	1	161M	330.63	BS EN 134/0-3	PSE
225mm. 15° Bend.	PS1009	1	1	161M	321.09	APPROVAL	
300mm. 90° Bend.	PS1211	1	1	161M	728.08	BBA APPROVAL	THE PERSON NAMED IN
300mm. 45° Bend.	PS1203	1	1	161M	567.66		
300mm. 30° Bend.	PS1267	1	1	161M	551.08		
300mm. 15° Bend.	PS1209	1	1	161M	523.74		PS6

150mm. Sealed oval top (Aluminium) 45°. PS622S 1					1
	8	161M	381.61	BBA APPROVAL MEETING M	

150mm Chamber Base 460mm diameter	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
150mm. 150mm Main Channel 2 x 110mm inlets 45°, 2 x 150mm inlets 90°. Use with standard 460mm risers (UG431) and covers.	PS670	1	8	161M	406.88	

Ultrarib Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
150mm. Double Socket.	PS6105	1	10	161M	124.40	
225mm. Double Socket.	PS10105	1	1	161M	124.40	BBA APPROVAL MSPECTION TESTING TESTING
300mm. Double Socket.	PS12105	1	1	161M	124.40	CERTIFICATION CERTIFICATE 09/3923

Socketed fittings are supplied complete with seals for on-site assembly.

### Polysewer Gravity Sewer System - PVCu



Adaptors	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. Double Socket to SuperSleve Clayware Pipe.	PS634	1	20	161M	124.40		
150mm. Double Socket to Thick Clayware Pipe.	PS696	1	20	161M	124.40		
150mm. Double Socket to EN1401-1 Pipe (160mm).	PS689	1	10	161M	124.40		PS634
Adaptor for 150mm Polysewer Pipe	PS6102	1	10	161M	20.32		
225mm. Double Socket to EN1401-1 Pipe (250mm).	PS1089	1	1	161M	124.40	BBA APPROVAL INSPECTION INSPECTION CERTIFICATE 09/3002	PS689
300mm. Double Socket to EN1401-1 Pipe (315mm).	PS1289	1	1	161M	124.40		
225mm. Polysewer Single Socket for connection to EN1401-1 Socket (250mm Spigot).	PS10102	1	1	161M	124.40		PS10102
300mm. Polysewer Single Socket for connection to EN1401-1 Socket (315mm Spigot).	PS12102	1	1	161M	122.96		1310102
Ultrarib Adaptor Seals (for using Polysewer in Ultrarib Sockets)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. Adaptor Seal.	PSUR150	1	10	161M	56.73		
225mm. Adaptor Seal.	PSSP2BLU	1	10	161M	11.84	BBA APPROVAL HERECTION CERTIFICATION CERTIFI	
300mm. Adaptor Seal.	PSUR300	1	10	161M	93.68		
End Cap and Seal	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm.	PS6101	1	10	161M	34.23		
225mm.	PS10101	1	1	161M	171.70	BBA APPROVAL MESPECTION TESTING	Contract of the Contract of th
300mm.	PS12101	1	1	161M	234.14	CERTIFICATE 09/3823	
Socket Plug	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm.	PS620	1	10	161M	81.53	Plastic Pipework KITEMARK™	
225mm.	PS1020	1	1	161M	240.54	KM 582885 BS EN 13476-3	
300mm.	PS1220	1	1	161M	423.37	BBA APPROVAL NESTION NESTION CERTIFICATION C	
Snap Cap and Seals	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
150mm. To accept EN1401-1 solid wall pipes and to adapt to 90° junctions for use with PS670.	PS6104	1	10	161M	32.88	BBA APPROVAL NESSECTION CERTIFICATION CERTIFICATION CONTROL TO CON	
150mm. To accept 150mm Polysewer pipes - for converting UG670.	PSC1	1	10	161M	7.14		

### Channel and Slot Drainage - PP



Loading Classification for Drainage Channels tested to BS EN 1433:2002  $A = \text{Equivalent to Class A15 load category of BS EN 124-1 2015 (Pedestrians \& pedal cyclists only)} \\ A++ = \text{Tested to withstand 50kN test load (Light vehicular traffic on domestic drives)}$ 

Domestic Drainage Channel with heel guard plastic grating	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	A
1m. Channel Drain with Plastic Grate [A++].	MCD1000	1	108	117M	11.28	
Domestic Drainage Channel Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
Channel Drain Quad Connector.	MCD1003	1	12	117M	11.28	М
Channel and SlotDrain Accessory Pack containing 2 x End Cap & 1 x Leaf Trap	MCD1005	1	10	117M	7.53	M
Linear SlotDrain Channel	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
1m. SlotDrain with Plastic Slotted Cap [A++].	MSD1000	1	96	117M	14.67	
Linear SlotDrain Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	1
SlotDrain Junction Unit.	MSD1003	1	12	117M	14.67	M
Channel and SlotDrain Accessory Pack containing 2 x End Cap & 1 x Leaf Trap	MCD1005	1	10	117M	7.53	M

### Sewerdrain Gravity Sewer System - PVCu



Single Socket Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
200mm. 6m length.	UG862	1	23	52E	349.58	Plastic Piping Systems	
250mm. 6m length.	UG1062	1	14	52E	473.81	KITEMARK™  KM 06383 BS EN 1401-1	
Plain Ended Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		-
200mm. 6m length.	UG860	1	23	52E	335.47	bsi	
250mm. 6m length.	UG1060	1	14	52E	466.64	Piping Systems  KITEMARK™	
315mm. 6m length.	UG1260	1	8	52E	689.59	KM 06383 BS EN 1401-1	
Couplers	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
200mm. Double Socket (Remove Centre Stop for use as Slip Coupling).	UG801	1	10	53M	72.73	Plastic Piping Systems	
250mm. Double Socket (Remove Centre Stop for use as Slip Coupling).	UG1001	1	5	53M	104.06	KITEMARK™  KM 06383 BS EN 1401-1	UG801
315mm. Double Socket.	UG1201	1	1	53M	200.31		00001
315mm. Slip Coupler (Double Socket).	UG1200	1	1	53M	200.31		
Single Socket Bends	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
200mm. 87½° Single Socket.	UG812	1	1	53M	94.69		400
200mm. 45° Single Socket.	UG804	1	1	53M	94.69	Plastic Piping Systems  KITEMARK™  KM 06383 BS EN 1401-1	
200mm. 30° Single Socket.	UG868	1	1	53M	85.21		
200mm. 15° Single Socket.	UG810	1	1	53M	85.21	Plastic Piping Systems  KITEMARK**  KM 06383 85 EN 1401-1	
250mm. 87½° Single Socket.	UG1012	1	1	53M	352.72		
250mm. 45° Single Socket.							
	UG1004	1	1	53M	352.72		
250mm. 30° Single Socket.	UG1004 UG1068	1	1	53M 53M	282.19		
250mm. 15° Single Socket.	UG1068 UG1010	1	1	53M 53M	282.19 282.19		
250mm. 15° Single Socket. 315mm. 87½° Single Socket.	UG1068 UG1010 UG1212	1 1 1	1 1 1	53M 53M 53M	282.19 282.19 540.40		
250mm. 15° Single Socket. 315mm. 87½° Single Socket. 315mm. 45° Single Socket.	UG1068 UG1010 UG1212 UG1204	1 1 1	1 1 1	53M 53M 53M 53M	282.19 282.19 540.40 540.40		
250mm. 15° Single Socket. 315mm. 87½° Single Socket. 315mm. 45° Single Socket. 315mm. 30° Single Socket.	UG1068 UG1010 UG1212 UG1204 UG1268	1 1 1 1	1 1 1 1	53M 53M 53M 53M 53M	282.19 282.19 540.40 540.40 378.26		
250mm. 15° Single Socket. 315mm. 87½° Single Socket. 315mm. 45° Single Socket.	UG1068 UG1010 UG1212 UG1204	1 1 1	1 1 1	53M 53M 53M 53M	282.19 282.19 540.40 540.40		
250mm. 15° Single Socket. 315mm. 87½° Single Socket. 315mm. 45° Single Socket. 315mm. 30° Single Socket.	UG1068 UG1010 UG1212 UG1204 UG1268	1 1 1 1	1 1 1 1	53M 53M 53M 53M 53M	282.19 282.19 540.40 540.40 378.26		
250mm. 15° Single Socket. 315mm. 87½° Single Socket. 315mm. 45° Single Socket. 315mm. 30° Single Socket. 315mm. 15° Single Socket.	UG1068 UG1010 UG1212 UG1204 UG1268 UG1210	1 1 1 1 1 1 1 Pack	1 1 1 1 1 1 Bulk	53M 53M 53M 53M 53M 53M	282.19 282.19 540.40 540.40 378.26 378.26	Plastic Pliping Systems Primark(**)	

# **Drainage**Sewerdrain Gravity Sewer System - PVCu



Equal Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
200mm. 45° Double Socket.	UG806	1	1	53M	236.22	
200mm. 45° Triple Socket.	UG805	1	1	53M	248.03	
250mm. 45° Double Socket.	UG1006	1	1	53M	574.43	
315mm. 45° Double Socket.	UG1206	1	1	53M	907.99	



Unequal Junctions	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
200mm. 45° Double Socket (110mm).	UG836	1	1	53M	167.93	
200mm. 45° Double Socket (160mm).	UG837	1	1	53M	167.93	
00mm. 45° Triple Socket (110mm).	UG835	1	1	53M	167.93	
00mm. 45° Triple Socket (160mm).	UG831	1	1	53M	167.93	
50mm. 45° Double Socket (110mm).	UG1036	1	1	53M	375.08	
50mm. 45° Double Socket (160mm).	UG1016	1	1	53M	407.68	
50mm. 45° Double Socket (200mm).	UG1017	1	1	53M	550.38	
15mm. 45° Double Socket (110mm).	UG1236	1	1	53M	653.73	
15mm. 45° Double Socket (160mm).	UG1216	1	1	53M	653.73	
15mm. 45° Double Socket (200mm).	UG1217	1	1	53M	726.40	
15mm. 45° Double Socket (250mm).	UG1218	1	1	53M	726.40	



Plain Socket Plugs	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
200mm.	UG820	1	1	53M	42.16	
250mm.	UG1020	1	1	53M	129.38	
315mm.	UG1220	1	1	53M	230.99	



Level Invert Reducers	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
200mm Spigot x 160mm Socket	UG821	1	1	53M	95.39	
250mm Spigot x 200mm Socket	UG1021	1	1	53M	165.40	
315mm Spigot x 250mm Socket	UG1221	1	1	53M	258.45	



# **Drainage**Underground Ancillaries



Joint Lubricant	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		18.
500ml bottle.	SG500	1	12	89M	46.69		Polypion
1kg Tub.	LUBX1	1	12	89M	43.06		Potypios
2.5kg Tub.	LUBX2.5	1	4	89M	107.40		
Silicone Grease	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		NI CONT.
100g Screw top jar.	SG100	1	100	89M	30.96		E-CASI
500g.	SIL500	1	30	89M	140.36		
Aerosol Lubricant	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		M
400ml.	SG300	1	12	89M	51.53	PVC Soil and Vertilating Pipes KITEMARK™  KM S6628 BS EN 1329-1	OB MARKS
Cleaning Fluid	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		Polycia
250ml tin.	CF250	1	10	89M	26.06		
Solvent Cement	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
125ml tin c/w Brush (BS EN 14680:2015).	SC125	1	20	89M	23.92		Polypipe
							The same of the sa
250ml tin c/w Brush (BS EN 14680:2015).	SC250	1	10	89M	36.46		
,	SC250 Code	Pack Qty.	Bulk Qty.	89M Product Group	36.46 Price Each £		0 Polypipe
Solvent Cement		Pack	Bulk	Product	Price		0 Polypipe
Solvent Cement  500ml tin (BS EN 14680:2015).  Clear Solvent Cement Filler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		

### Water Service Pipes MDPE PE80



MDPE PE80 12 Bar Pressure Pipe	Code	Pack Qty.	Bulk Qty.	Colour	Product Group	Price Each £		
20mm x 25m Coil. 0.13kg/m, 2.3mm.	2025	1	22	80 B	70E	93.86		
20mm x 50m Coil. 0.13kg/m, 2.3mm.	2050	1	10	€D B	70E	187.72		
20mm x 100m Coil. 0.13kg/m, 2.3mm.	20100	1	6	<b>(B) (B)</b>	70E	375.31		
20mm x 150m Coil. 0.13kg/m, 2.3mm.	20150	1	6	<b>30 (3)</b>	70E	563.04		
25mm x 25m Coil. 0.17kg/m, 2.3mm.	2525	1	14	<b>(1) (3)</b>	70E	119.74		
25mm x 50m Coil. 0.17kg/m, 2.3mm.	2550	1	8	8D B	70E	239.40		
25mm x 100m Coil. 0.17kg/m, 2.3mm.	25100	1	6	<b>(1) (3)</b>	70E	478.90		
25mm x 150m Coil. 0.17kg/m, 2.3mm.	25150	1	6	<b>00 B</b>	70E	718.28		
32mm x 25m Coil. 0.28kg/m, 3.0mm.	3225	1	9	8D B	70E	200.64	/bsi/	
32mm x 50m Coil. 0.28kg/m, 3.0mm.	3250	1	6	8D B	70E	401.30	$(\bigodot)$	
32mm x 100m Coil. 0.28kg/m, 3.0mm.	32100	1	5	80 B	70E	802.52	lacksquare	
32mm x 150m Coil. 0.28kg/m, 3.0mm.	32150	1	5	8D B	70E	1,203.81	KM 85017 BS EN 12201-2	
40mm x 50m Coil. 0.43kg/m, 3.0mm.	4050	1	1	B	70E	624.01	A DE C 4	
40mm x 100m Coil. 0.43kg/m, 3.0mm.	40100	1	1	B	70E	1,248.11	<b>♦REG4</b>	
50mm x 6m Length. 0.67kg/m, 4.6mm.	5006	1	50	<b>(1) (3)</b>	70E	115.44		
50mm x 25m Coil. 0.67kg/m, 4.6mm.	5025	1	1	<b>□ B</b>	70E	480.77		
50mm x 50m Coil. 0.67kg/m, 4.6mm.	5050	1	1	8D B	70E	961.41	Included in the list o Products for use in P	
50mm x 100m Coil. 0.67kg/m, 4.6mm.	50100	1	1	8D B	70E	1,922.78	in the United Kingdo https://www.dwi.gov	om available at
50mm x 150m Coil. 0.67kg/m, 4.6mm.	50150	1	1	8D B	70E	2,884.27	ter-products/resource panies/approved-cor	es-for-water-com-
63mm x 6m Length. 1.05kg/m, 5.8mm.	6306	1	50	8D B	70E	180.92		
63mm x 25m Coil. 1.05kg/m, 5.8mm.	6325	1	1	8D B	70E	754.02		
63mm x 50m Coil. 1.05kg/m, 5.8mm.	6350	1	1	8D B	70E	1,507.99		
63mm x 100m Coil. 1.05kg/m, 5.8mm.	63100	1	1	8D B	70E	3,016.06		
63mm x 150m Coil. 1.05kg/m, 5.8mm.	63150	1	1	8D B	70E	4,524.03		

### **Water Supply Regulations**

**6**REG4

The Water Supply (Water Fitting) Regulations 1999 play an important role in protecting public health, safeguarding water supplies and promoting the efficient use of water within premises across the UK. All products connected to the UK water supply must comply with Regulation 4 of Water Supply (Water Fittings) (Scotland) By clayer 2014 and Water Supply (Water Fittings)

(Water Fittings) Regulations 1999, Water Supply (Water Fittings) (Scotland) Byelaws 2014 and Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

Their purpose is to prevent the contamination and waste of water supplied by a water undertaker once it has entered a customer's plumbing system. Ensuring that water fittings are of an appropriate quality and standard for installation is an integral aspect of the regulations.

'Reg 4' approval can be obtained from a number of certification providers such as WRAS, NSF and KIWA. Certificates can be obtained on request.

### Water Service Pipes MDPE PE80



MDPE Pipe End Caps	Code	Pack Qty.	Bulk Qty.	Colour	Product Group	Price Each £	
20mm Black End Cap	20BLACKCAP	10	9000	B	W70E	0.98	
25mm Black End Cap	25BLACKCAP	10	4500	B	W70E	0.99	
32mm Black End Cap	32BLACKCAP	10	2000	B	W70E	1.05	
50mm Black End Cap	50BLACKCAP	10	800	B	W70E	1.43	
63mm Black End Cap	63BLACKCAP	10	600	B	W70E	2.62	

Pipe Cutter	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
20mm to 25mm.	PB781	1	10	123M	40.39	

Pipe Cutter (Ratchet)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
20mm to 32mm.	PB778	1	10	123M	61.29	



### Polyfast Polyethylene Compression Fittings



### Adaptable for Polyethylene, Lead, Copper, PVC and Galvanised Iron

Straight Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	40020	10	100	79M	8.71		
25mm.	40025	10	50	79M	9.74		
32mm.	40032	5	50	79M	23.49	A DECA	
40mm.	40040	2	50	79M	32.44	♦REG4	
50mm.	40050	2	20	79M	53.72		
63mm.	40063	2	20	79M	78.86		
			- "				
Slip/Repair Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	40020S	10	100	79M	12.39		
25mm.	400255	10	50	79M	15.02		
32mm.	40032S	5	50	79M	32.56	<b>♦REG4</b>	
40mm.	40040S	2	50	79M	45.30	©KEG4	
50mm.	40050S	2	20	79M	68.09		
63mm.	400635	2	20	79M	94.64		
D 1 1 1 6 1 1 1 1 1 1			ъ. II	D   .	ъ.		
Polylink Straight Universal Transition Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm x 15/22mm.	4841522	1	10	79M	29.74		Contract of the second
25mm x 21/27mm.	4842127	1	10	79M	33.28	ADEC 4	
25mm x 27/35mm.	4842735	1	10	79M	45.54	♦REG4	
32mm x 27/35mm.	4882735	1	10	79M	54.59		
Polylink 90° Bent Universal Transition Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm x 15/22mm.	4851522	1	10	79M	31.04		
25mm x 21/27mm.	4852127	1	10	79M	36.78	REG4	
25mm x 27/35mm.	4852735	1	10	79M	45.54	ONLOT	
				7 2111	.5.5 .		
Reducing Coupler	Code	Pack Qty.	Bulk Qty.	Product	Price Each £		
Reducing Coupler 25mm x 20mm	Code 40625	Pack Qty.	Bulk Qty.		Price		
25mm x 20mm		Qty.	<b>Qty.</b> 100	Product Group 79M	Price Each £ 19.91		
25mm x 20mm 32mm x 20mm	40625 4063220	<b>Qty.</b> 10 5	<b>Qty.</b> 100 10	Product Group 79M 79M	Price Each £ 19.91 34.32		
25mm x 20mm 32mm x 20mm 32mm x 25mm	40625 4063220 40632	<b>Qty.</b> 10 5 5	Qty. 100 10 10	Product Group 79M 79M 79M	Price Each £ 19.91 34.32	<b>♦REG4</b>	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm	40625 4063220 40632 40640	Qty.  10 5 5 2	Qty. 100 10 10 10	Product Group 79M 79M 79M 79M	Price Each £ 19.91 34.32 34.32 45.30	<b>♦REG4</b>	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm 50mm x 32mm	40625 4063220 40632 40640 4065032	Qty.  10  5  5  2  2	Qty.  100  10  10  10  10  10	Product Group 79M 79M 79M 79M 79M	Price Each f 19.91 34.32 34.32 45.30 62.82	<b>♦REG4</b>	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm	40625 4063220 40632 40640	Qty.  10  5  2  2  2	Qty.  100  10  10  10  10  10  10	Product Group 79M 79M 79M 79M 79M 79M	Price Each f 19.91 34.32 34.32 45.30 62.82 62.82	•REG4	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm 50mm x 32mm	40625 4063220 40632 40640 4065032	Qty.  10  5  5  2  2	Qty.  100  10  10  10  10  10	Product Group 79M 79M 79M 79M 79M	Price Each f 19.91 34.32 34.32 45.30 62.82	<b>♦REG4</b>	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm 50mm x 32mm 50mm x 40mm	40625 4063220 40632 40640 4065032 40650	Qty.  10  5  2  2  Pack	Qty.  100  10  10  10  10  10  Bulk	Product Group 79M 79M 79M 79M 79M 79M	Price Each f 19.91 34.32 34.32 45.30 62.82 62.82 Price	•REG4	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm 50mm x 32mm 50mm x 40mm  Metric to Imperial Coupler	40625 4063220 40632 40640 4065032 40650 Code	Qty.  10  5  2  2  Pack Qty.	Qty.  100  10  10  10  10  10  Bulk Qty.	Product Group 79M 79M 79M 79M 79M 79M Product Group	Price Each £ 19.91 34.32 34.32 45.30 62.82 62.82 Price Each £	•REG4	
25mm x 20mm 32mm x 20mm 32mm x 25mm 40mm x 32mm 50mm x 32mm 50mm x 40mm  Metric to Imperial Coupler 25mm x ¾".	40625 4063220 40632 40640 4065032 40650 Code	Qty.  10  5  2  2  2  Pack Qty.  10	Qty.  100  10  10  10  10  10  Bulk Qty.  10  Bulk	Product Group 79M 79M 79M 79M 79M Product Group 79M	Price Each £  19.91 34.32 34.32 45.30 62.82 62.82 Price Each £  16.73	•REG4	

### Polyfast Polyethylene Compression Fittings



### Adaptable for Polyethylene, Lead, Copper, PVC and Galvanised Iron

Copper/ Polybutylene Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		*54220
20mm x 15mm (½″).	47820	10	10	79M	11.32		
25mm x 15mm (½′).	4782515	10	10	79M	12.84		
25mm x 22mm (¾′).	47825	10	10	79M	14.42	<b>♦REG4</b>	
32mm x 22mm (¾′).	4783222	5	5	79M	28.88		
32mm x 28mm (1").	47832	5	5	79M	30.33		
Female Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½″ BSP.	40320	10	100	79M	11.32		
25mm x ½″ BSP.	4032512	10	100	79M	11.71		
25mm x ¾″ BSP.	40325	10	100	79M	12.39		
32mm x 1" BSP.	40332	5	100	79M	17.00	REG4	
40mm x 11/4" BSP.	40340	2	100	79M	35.15		
50mm x 1½" BSP.	40350	2	50	79M	45.73		
63mm x 2" BSP.	40363	2	50	79M	65.84		
Male Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½″ BSP.	40420	10	150	79M	8.76		
25mm x ½″ BSP.	4042512	10	100	79M	11.32		
25mm x 3/4" BSP.	40425	10	100	79M	11.48		- Prima
32mm x 1" BSP.	40432	5	100	79M	17.62	♠REG4	S. S
40mm x 1¼" BSP.	40440	2	50	79M	33.04		
50mm x 11/2" BSP.	40450	2	50	79M	41.77		
63mm x 2″ BSP.	40463	2	50	79M	56.33		
Elbow	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	40120	10					
25	1	10	100	79M	11.91		6:000
25mm.	40125	10	100	79M 79M	11.91 17.51		
32mm.	40125 40132					ADEC 4	
		10	100	79M	17.51	<b>♦REG4</b>	
32mm.	40132	10 5	100 50	79M 79M	17.51 29.38	<b>♦REG4</b>	
32mm. 40mm.	40132 40140	10 5 2	100 50 50	79M 79M 79M	17.51 29.38 50.51	<b>♦REG4</b>	
32mm. 40mm. 50mm.	40132 40140 40150	10 5 2 2	100 50 50 20	79M 79M 79M 79M	17.51 29.38 50.51 64.66	<b>♦REG4</b>	
32mm. 40mm. 50mm. 63mm.	40132 40140 40150 40163	10 5 2 2 2 2	100 50 50 20 20 Bulk	79M 79M 79M 79M 79M	17.51 29.38 50.51 64.66 85.69	♦REG4	
32mm. 40mm. 50mm. 63mm. Reducing Elbow	40132 40140 40150 40163 Code	10 5 2 2 2 Pack Qty.	100 50 50 20 20 Bulk Qty.	79M 79M 79M 79M 79M Product Group	17.51 29.38 50.51 64.66 85.69 Price Each £		
32mm. 40mm. 50mm. 63mm.  Reducing Elbow  25mm. 25mm x 20mm 90° Reducing.	40132 40140 40150 40163 <b>Code</b>	10 5 2 2 2 Pack Qty.	100 50 50 20 20 Bulk Qty.	79M 79M 79M 79M 79M Product Group 79M	17.51 29.38 50.51 64.66 85.69 Price Each £ 24.00		
32mm. 40mm. 50mm. 63mm.  Reducing Elbow  25mm. 25mm x 20mm 90° Reducing.  Female Elbow Adaptor	40132 40140 40150 40163 Code	10 5 2 2 2 Pack Qty.  10  Pack Qty.	100 50 50 20 20 Bulk Qty. 10	79M 79M 79M 79M 79M 79M 79M Product Group  Product Group	17.51 29.38 50.51 64.66 85.69 Price Each £		
32mm. 40mm. 50mm. 63mm.  Reducing Elbow  25mm. 25mm x 20mm 90° Reducing.  Female Elbow Adaptor  20mm x ½″ BSP Female.	40132 40140 40150 40163 Code 4012520 Code 42120	10 5 2 2 2 Pack Qty.  10  Pack Qty.  10	100 50 50 20 20 Bulk Qty. 10	79M 79M 79M 79M 79M 79M Product Group 79M Product Group 79M	17.51 29.38 50.51 64.66 85.69 Price Each £ 24.00	<b>♦REG4</b>	
32mm. 40mm. 50mm. 63mm.  Reducing Elbow  25mm. 25mm x 20mm 90° Reducing.  Female Elbow Adaptor  20mm x ½″ BSP Female. 25mm x ¾″ BSP Female.	40132 40140 40150 40163 Code 4012520 Code 42120 42125	10 5 2 2 2 Pack Qty.  10 Pack Qty. 10 10	100 50 50 20 20 20 Bulk Qty. 10	79M 79M 79M 79M 79M 79M Product Group 79M Product Group 79M 79M	17.51 29.38 50.51 64.66 85.69  Price Each £ 24.00  Price Each £ 11.32 16.29		
32mm. 40mm. 50mm. 63mm.  Reducing Elbow  25mm. 25mm x 20mm 90° Reducing.  Female Elbow Adaptor  20mm x ½″ BSP Female. 25mm x ¾″ BSP Female. 32mm x 1″ BSP Female.	40132 40140 40150 40163 Code 4012520 Code 42120 42125 42132	10 5 2 2 2 Pack Qty. 10 Pack Qty. 10 10 5	100 50 50 20 20 Bulk Qty. 10 Bulk Qty. 100 100 50	79M 79M 79M 79M 79M 79M 79M Product Group 79M Product Group 79M 79M 79M	17.51 29.38 50.51 64.66 85.69 Price Each £ 24.00 Price Each £ 11.32 16.29 26.79	<b>♦REG4</b>	

# Water Supply Polyfast Polyethylene Compression Fittings



Tank Connector	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm x ¾″ BSP.	42525	10	150	79M	22.84	<b>♦REG4</b>	
Male Elbow Adaptor	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½″ BSP Male.	42320	10	100	79M	9.50		
25mm x ¾″ BSP Male.	42325	10	100	79M	10.66	<b>♦REG4</b>	
32mm x 1" BSP Male.	42332	10	50	79M	18.53		
Equal Tee	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	40220	10	100	79M	16.85		
5mm.	40225	10	50	79M	26.06		
32mm.	40232	5	20	79M	36.51	A DECA	
10mm.	40240	2	20	79M	69.90	♦REG4	
50mm.	40250	2	20	79M	81.81		
33mm.	40263	1	20	79M	122.08		
Branch Reducing Tee	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm x 20mm.	41125	10	100	79M	33.55		
32mm x 20mm.	4113220	5	50	79M	37.79	<b>♦REG4</b>	
32mm x 25mm.	41132	5	50	79M	40.50		
BSP Branch Tee	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½″ BSP Female.	42220	10	100	79M	16.21		
5mm x ¾″ BSP Female.	42225	10	100	79M	26.79		_ (7)
2mm x 1″ BSP Female.	42232	5	50	79M	36.01		
40mm x 1¼″ BSP Female.	42240	2	20	79M	55.29	ADEC/	Street,
50mm x 1½″ BSP Female.	42250	2	20	79M	75.60	<b>♦REG4</b>	
53mm x 2″ BSP Female.	42263	1	20	79M	107.63		
20mm x ½″ BSP Male.	42420	10	100	79M	24.65		
25mm x ¾″ BSP Male.	42425	10	100	79M	29.50		
Pipe End Cap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	40920	10	150	79M	11.48		
25mm.	40925	10	150	79M	13.65		
32mm.	40932	5	150	79M	18.89	A DECA	
10mm.	40940	2	50	79M	39.59	♦REG4	
50mm.	40950	2	50	79M	48.78		
53mm.	40963	2	50	79M	68.09		

# **Water Supply**

### Polyfast Polyethylene Compression Fittings



Fitting Stop End	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	30920	10	200	79M	3.06		
25mm.	30925	10	200	79M	3.88		
32mm.	30932	5	50	79M	4.53	A DECA	40
40mm.	30940	2	50	79M	8.99	♦REG4	
50mm.	30950	2	50	79M	8.88		
63mm.	30963	2	50	79M	12.77		
Plastic Pipe Stiffener	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	46420	10	500	79M	1.13		
25mm.	46425	10	500	79M	1.31		
32mm.	46432	10	500	79M	1.69	A DECA	
40mm.	46440	10	250	79M	2.41	REG4	
50mm.	46450	10	200	79M	2.53		
63mm.	46463	10	100	79M	2.89		
MDPE High Flow Reducing Set	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm x 20mm.	4802520	10	10	79M	7.16		]
32mm x 20mm.	4803220	5	5	79M	9.69		
32mm x 25mm.	4803225	5	5	79M	9.69		
50mm x 20mm.	4805020	5	5	79M	19.75		<b>4</b> 19)
50mm x 25mm.	4805025	5	5	79M	19.75	A DECA	
50mm x 32mm.	4805032	5	5	79M	19.75	♦REG4	
63mm x 20mm.	4806320	5	5	79M	29.50		
63mm x 25mm.	4806325	5	5	79M	29.50		
63mm x 32mm.	4806332	5	5	79M	29.50		
63mm x 50mm.	4806350	5	5	79M	29.50		
MDPE Reducing Set	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm x 20mm.	4712520	10	10	79M	7.16		
32mm x 20mm.	4713220	5	5	79M	9.69		
32mm x 25mm.	4713225	5	5	79M	9.69		
50mm x 20mm.	4715020	5	5	79M	19.75		-0 . 0
50mm x 25mm.	4715025	5	5	79M	19.75	A DE C 4	
50mm x 32mm.	4715032	5	5	79M	19.75	REG4	-
63mm x 20mm.	4716320	5	5	79M	29.50		
63mm x 25mm.	4716325	5	5	79M	29.50		
63mm x 32mm.	4716332	5	5	79M	29.50		
63mm x 50mm.	4716350	5	5	79M	29.50		
Copper Adaptor Set	Code	Pack	Bulk Qty.	Product Group	Price Each £		
20mm x 15mm Cu.	46820	<b>Qty</b> .	250	79M	7.47		
25mm x 15mm Cu.	4682515	10	250	79M	9.69		
25mm x 22mm Cu.	46825	10	250	79M	9.00	<b>♦REG4</b>	VV
L J	70023	10	250	1 2111	5.00		

# Water Supply Polyfast Polyethylene Compression Fittings



		Pack	Bulk	Product	Price			
Lead Adaptor Set	Code	Qty.	Qty.	Group	Each £			
20mm x 3/8" 5lb.	46920	10	250	79M	4.03		-0	100
25mm x ½″ 7lb.	46925	10	250	79M	4.53			
25mm x ¾" 9lb.	46932	5	200	79M	5.25	♠REG4		-
32mm x ¾″ 11lb.	469329	5	100	79M	5.25			
40mm x 1" 16lb.	46940	2	100	79M	11.06			
Wider Tolerance Lead	d Coupler Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £			
25mm x ¾″ 5lb.	479385	10	10	79M	17.28			
25mm x ½" 7lb.	479127	10	10	79M	16.45			1
25mm x ½″ 9lb.	479129	10	10	79M	19.51	REG4		
32mm x ¾″ 11lb.	4793411	5	10	79M	50.74			
32mm x 1" 16lb.	479116	5	10	79M	67.28			
Mid Blue Polyethylen Adaptor Set	e Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £			
20mm x ½″.	465C12	10	250	79M	2.49			
25mm x ¾″.	465C34	10	250	79M	4.06			1
32mm x 1".	465C1	10	150	79M	3.32	ADEC 4	The state of	W.
50mm x 11/4". Low Density BS Class C. To con		2	150	79M	7.25	♦REG4		_
50mm x 1½". use 1/2" 467N with 20mm Nu	1 1/65(11)	2	100	79M	7.85			
63mm x 2".	465C2	2	100	79M	11.86			
Light Green Polyethy	lene Cada	Pack	Bulk	Product	Price			
Adaptor Set	Code	Qty.	Qty.	Group	Each £			
25mm x ½″.	465D12	10	250	79M	2.42			
25mm x ¾".	465D34	10	250	79M	3.01			
32mm x 1".  Low Density BS	465D1	10	250	79M	3.73	REG4		
50mm x 11/4". Class D	465D114	2	150	79M	6.58			
50mm x 1½".	465D112	2	100	79M	7.85			
					7.03			
Dark Blue Polyethyle Adaptor Set	ne Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £			
	ne <b>Code</b> 466C12		Bulk	Product	Price			
Adaptor Set	Code	Qty.	Bulk Qty.	Product Group	Price Each £			
Adaptor Set 20mm x ½".	466C12	<b>Qty.</b> 10	Bulk Qty. 250	Product Group 79M	Price Each £ 2.03	ADEC 4	•	
Adaptor Set 20mm x ½". 25mm x ¾".	466C12 466C34 466C1	<b>Qty.</b> 10 10	Bulk Qty. 250	Product Group 79M 79M	Price Each £ 2.03 3.95	<b>♦REG4</b>	•	
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".	466C12 466C34 466C1	Qty.  10  10  10	Bulk Qty. 250 250 250	Product Group 79M 79M 79M	Price Each £ 2.03 3.95 4.50	<b>♦REG4</b>		
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1¼". High Density B:	466C12 466C34 466C1 466C1 466C114	Qty.  10  10  10  2	Bulk Qty. 250 250 250 150	Product Group 79M 79M 79M 79M	Price Each £ 2.03 3.95 4.50 6.80	<b>♦REG4</b>		
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1½".  High Density B: Class C	466C12 466C34 466C1 466C114 466C112 466C2	Qty.  10  10  10  2  2	Bulk Qty. 250 250 250 150	Product Group 79M 79M 79M 79M 79M	Price Each £ 2.03 3.95 4.50 6.80 7.85	<b>♦REG4</b>		
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1¼".  High Density 8: Class C  63mm x 2".  Dark Green Polyethyl	466C12 466C34 466C1 466C114 466C112 466C2	Qty.  10  10  10  2  2  2  Pack	Bulk Qty. 250 250 250 150 100 80	Product Group 79M 79M 79M 79M 79M 79M	Price Each £ 2.03 3.95 4.50 6.80 7.85 11.86	<b>♦REG4</b>		)
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1¼".  High Density B: Class C  Class C  Dark Green Polyethyl Adaptor Set	466C12 466C34 466C1 466C114 466C112 466C2	Qty.  10  10  10  2  2  2  Pack Qty.	Bulk Qty. 250 250 250 150 100 80 Bulk Qty.	Product Group 79M 79M 79M 79M 79M 79M Product Group	Price Each £  2.03  3.95  4.50  6.80  7.85  11.86  Price Each £	<b>♦REG4</b>		
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1¼".  High Density B: Class C  63mm x 2".  Dark Green Polyethyl Adaptor Set  20mm x ¾".	466C12 466C34 466C1 466C1 466C114 466C112 466C2	Qty.  10  10  10  2  2  2  Pack Qty.  10	Bulk Qty. 250 250 250 150 100 80 Bulk Qty. 250	Product Group 79M 79M 79M 79M 79M 79M Product Group	Price Each £  2.03  3.95  4.50  6.80  7.85  11.86  Price Each £  3.20			
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1¼".  63mm x 2".  Dark Green Polyethyl Adaptor Set  20mm x ½".  25mm x ½".  25mm x ½".	466C12 466C34 466C1 466C114 466C112 466C2 <b>Lene Code</b> 466D38 466D12 466D34	Qty.  10  10  10  2  2  2  Pack Qty.  10  10	Bulk Qty. 250 250 250 150 100 80 Bulk Qty. 250 250	Product Group 79M	Price Each £ 2.03 3.95 4.50 6.80 7.85 11.86 Price Each £ 3.20 2.42			
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1½".  High Density B: Class C  Class C  Dark Green Polyethyl Adaptor Set  20mm x ½".  25mm x ½".	466C12 466C34 466C1 466C114 466C112 466C2 <b>Lene Code</b> 466D38 466D12 466D34	Qty.  10  10  10  2  2  2  Pack Qty.  10  10  10	Bulk Qty. 250 250 250 150 100 80 Bulk Qty. 250 250	Product Group 79M	Price Each £  2.03  3.95  4.50  6.80  7.85  11.86  Price Each £  3.20  2.42  4.01	♦REG4	•	
Adaptor Set  20mm x ½".  25mm x ¾".  32mm x 1".  50mm x 1½".  High Density B: Class C  63mm x 2".  Dark Green Polyethyl Adaptor Set  20mm x ¾".  20mm x ½".  25mm x ¾".  32mm x 1".  High Density B:	466C12 466C34 466C1 466C114 466C112 466C2 <b>lene Code</b> 466D38 466D12 466D34 466D11	Qty.  10  10  10  2  2  2  Pack Qty.  10  10  10  10  10	Bulk Qty.  250  250  250  150  100  80  Bulk Qty.  250  250  250  200	Product Group 79M	Price Each £  2.03  3.95  4.50  6.80  7.85  11.86  Price Each £  3.20  2.42  4.01  3.29			

# **Water Supply**

### Polyfast Polyethylene Compression Fittings



Red Polyethylene Adaptor Set	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½″.	467NG12	10	10	79M	2.72		
25mm x 3/4".	467NG34	10	10	79M	3.79		
32mm x 1". Low Density BS1972:1961	467NG1	10	10	79M	4.62	A DECA	
50mm x 11/4". Normal Gauge IS134:1977	467NG114	2	2	79M	8.76	<b>♦REG4</b>	
50mm x 1½".	467NG112	2	2	79M	10.19		
63mm x 2″.	467NG2	2	2	79M	16.49		
Light Blue Polyethylene Adaptor Set	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½″.	467HG12	10	250	79M	2.72		
25mm x ¾″.	467HG34	10	250	79M	3.28		
32mm x 1". Low Density BS1972:1961 Heavy Gauge IS134:1977	467HG1	10	250	79M	4.03	REG4	- James
50mm x 11⁄4".	467HG114	2	150	79M	8.76		
50mm x 1½".	467HG112	2	150	79M	10.19		
PVC BS3506/6 Galvanised Iron BS1387	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ¾″.	4722038	10	10	79M	6.57		
25mm x ½″.	4722512	10	10	79M	9.21	<b>♦REG4</b>	
32mm x ¾″.	4723234	10	10	79M	11.06	The G4	
40mm x 1".	47240	5	10	79M	16.73		
Bibtap Wall Flange (DZR Brass)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm x ½" BSP.	41320	2	10	79M	42.33	ADECA	
25mm x ¾" BSP.	4132534	2	10	79M	50.74	<b>♦REG4</b>	
Bibtap Wall Flange (Plastic)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		Acres 1
20mm x ½″ BSP.	48320	2	10	79M	20.61		
25mm x ½″ BSP.	4832512	2	10	79M	21.07	REG4	
25mm x ¾" BSP.	48325	2	10	79M	25.46		
Gunmetal Stop Cock - Polyfast Ends	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		T
20mm.	41020	2	10	79M	120.70		-A-
25mm.	41025	2	10	79M	159.10	REG4	
32mm.	41032	1	10	79M	254.80		
Gunmetal Stop Cock - Female Iron	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		- To
1½″ F.I requires adaptors	31050	1	1	79M	483.09	A DEC	000
2" F.I requires adaptors	31063	1	1	79M	711.50	<b>♦REG4</b>	Additional of
Engineering Plastic Stop Cock (complete with excess torque override feature)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.  Torque override feature allows	42620	2	50	79M	54.35		
25mm. handle to click over when fully	42625	2	50	79M	80.35	REG4	
32mm. closed or open	42632	1	10	79M	131.76		

# Water Supply Polyfast Polyethylene Compression Fittings



#### Adaptable for Polyethylene, Lead, Copper, PVC and Galvanised Iron

63mm x 32mm.

Stop Cock	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		486
20mm x 15mm (½″) Copper.	47720	2 2	50	Group	55.11		_ W
25mm x 15mm (½″) Copper.	4772515	2	50		56.02	REG4	Colleg
25mm x 22mm (¾′) Copper.	47725	2	50		71.74	ONL OT	
Double Check Valve	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
20mm.	47620	1	100	79M	76.80		
25mm.	47625	1	50	79M	83.55	<b>♦REG4</b>	-
32mm.	47632	1	50	79M	114.21		
Single Union Ball Valve	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
½″ F.I.	47312	2	10	79M	44.79	<b>♦REG4</b>	
³¼″ F.I.	47334	2	10	79M	49.62		
1″ F.I.	4731	2	10	79M	59.77		
Threaded Reducing Bush	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
¾″ x ½″ BSP.	4703412	10	10	79M	9.55		
1″ x ½″ BSP.	470112	10	10	79M	15.58		
1″ x ¾″ BSP.	470134	10	10	79M	15.58		
11/4" x 1" BSP.	4701141	5	10	79M	16.38		
1½″ x ½″ BSP.	47011212	5	10	79M	10.33		
1½″ x ¾″ BSP.	47011234	5	10	79M	16.38		
1½″ x 1″ BSP.	4701121	5	10	79M	10.33	REG4	
1½″ x 1¼″ BSP.	470112114	2	10	79M	10.33	UNLOT	J. Samuel
2" x ½" BSP.	470212	2	10	79M	15.97		
2" x ¾" BSP.	470234	2	10	79M	15.97		
2" x 1" BSP.	47021	2	10	79M	15.97		
2" x 1½" BSP.	4702112	2	10	79M	15.97		
3" x 2" BSP.	47032	1	10	79M	31.32		
4" x 3" BSP.	47043	1	10	79M	31.67		
Spigot Reducer	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
50mm x 20mm.	3085020	5	10	79M	22.04		
50mm x 25mm.	3085025	5	10	79M	22.04		
50mm x 32mm.	3085032	5	10	79M	22.04		
63mm x 20mm.	3086320	5	10	79M	26.44	UNEU4	
63mm x 25mm.	3086325	5	10	79M	26.44		

10

79M

26.44

3086332

# **Water Supply**

### Polyguard Barrier Pipe & Fittings



- Conforms with Type A: WIS 4-32-19: Polyethylene pressure pipe systems with an aluminium barrier layer for potable water supply in contaminated land
- Complies with BS6920 Water Quality Testing
- Approved under regulation 31 of the Water Supply (Water Quality) Regulations 2000
- "Approved for use in public water supplies"
- WIS approval for plastic fittings for Polyguard Barrier Pipe providing manufacturer's instructions are followed upon installation.

Polyguard Barrier Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm. Polyguard pipe x 50m coil.	PGP2550	1	1	119E	1,223.90	bsi	
32mm. Polyguard pipe x 50m coil.	PGP3250	1	1	119E	1,581.02	KM 692343 BS 8588:2017	
63mm. Polyguard pipe x 6m length.	PGP636	1	1	119E	519.10	♦REG4	
63mm. Polyguard pipe x 25m coil.	PGP6325	1	1	119E	2,162.77	Included in the list of Approved Products for use in Public Water Supply in the United Kingdom available at https://www.dwi.gov.uk/drinking-wa-	
63mm. Polyguard pipe x 50m coil.	PGP6350	1	1	119E	4,325.53	ter-products/resources panies/approved-cons	
Polyguard Plastic Fittings	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		

Polyguard Plastic Fittings	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
25mm Coupler.	PGF40025	1	10	119M	21.29		
32mm Coupler.	PGF40032	1	10	119M	34.75		
32 x 25mm Reducer.	PGF40632	1	10	119M	45.99		
25mm x 3/4"Male Adaptor.	PGF40425	1	10	119M	15.96		
32mm x 1"Male Adaptor.	PGF40432	1	10	119M	23.70		
25mm x 3/4"Female Adaptor.	PGF40325	1	10	119M	17.62		
32mm x 1"Female Adaptor.	PGF40332	1	10	119M	22.78	ADEC 4	
25mm Elbow.	PGF40125	1	10	119M	25.95	♦REG4	
32mm Elbow.	PGF40132	1	10	119M	39.76		
25mm Tee.	PGF40225	1	10	119M	39.30		
32mm Tee.	PGF40232	1	10	119M	51.25		
25mm x 15mm Transition Coupler.	PGF4782515	1	10	119M	23.99		
25mm x 22mm Transition Coupler.	PGF47825	1	10	119M	26.14		
32mm x 28mm Transition Coupler.	PGF47832	1	10	119M	41.04		
25mm Polyguard x 25mm MDPE Transition Coupler.	PGF402525	1	10	119M	17.19		
32mm Polyguard x 32mm MDPE Transition Coupler.	PGF403232	1	10	119M	31.51		
25mm Stopcock. Gun Metal Body.	PGF41025	1	10	119M	183.63		
32mm Stopcock. Gun Metal Body.	PGF41032	1	10	119M	308.27	A DECA	
25mm Endcap.	PGF40925	1	10	119M	23.41	♦REG4	
32mm Endcap.	PGF40932	1	10	119M	38.24		

# **Water Supply**

### Polyguard Barrier Pipe & Fittings



- Conforms with Type A: WIS 4-32-19: Polyethylene pressure pipe systems with an aluminium barrier layer for potable water supply in contaminated land
- Complies with BS6920 Water Quality Testing
- Approved under regulation 31 of the Water Supply (Water Quality) Regulations 2000
- "Approved for use in public water supplies"
- WIS approval for plastic fittings for Polyguard Barrier Pipe providing manufacturer's instructions are followed upon installation.

Polyguard DZR Gunmetal Fittings	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
25mm. Polyguard straight coupling.	PGF25SC	1	10	119M	63.20
32mm. Polyguard straight coupling.	PGF32SC	1	10	119M	91.22
63mm. Polyguard straight coupling.	PGF63SC	1	10	119M	245.17
25mm. Polyguard x 3/4" MBSP coupling.	PGF25MTC	1	10	119M	31.46
63mm. Polyguard x 2 " MBSP coupling.	PGF63MTC	1	10	119M	197.44
25mm. Polyguard x 3/4" FBSP coupling.	PGF25FTC	1	10	119M	31.46
32mm. Polyguard x 1" FBSP coupling.	PGF32FTC	1	10	119M	50.01
25mm. Polyguard 90° elbow.	PGF2590E	1	10	119M	94.11
32mm. Polyguard 90° elbow.	PGF3290E	1	10	119M	195.19
63mm. Polyguard 90° elbow.	PGF6390E	1	10	119M	436.42
32mm. Polyguard equal tee.	PGF32T	1	10	119M	259.86
25mm x 22mm. Polyguard to copper transition coupling.	PGF2522TC	1	10	119M	116.34
25mm x 25mm. Polyguard to PE transition coupling.	PGF2525TC	1	10	119M	54.58

# Pre-Insulated Pipes For the distribution of hot and cold water and for heating



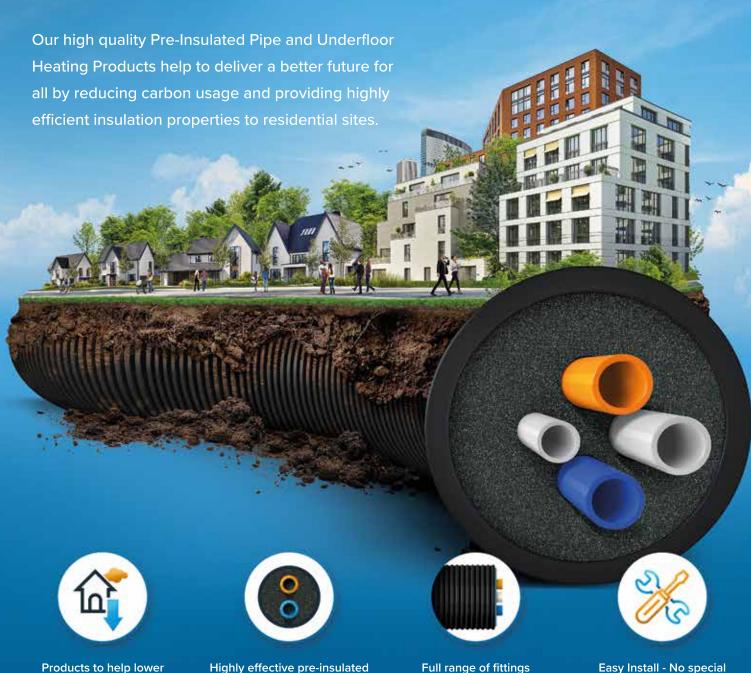
Pre-Insulated Pack (pack contains pre-cut double PEX-a pipes in 140mm outer casing, two dust end caps, four male couplings and four fix points)	Code	Pack Qty.	Product Group	Price Each £
25mm. 10m Twin Pipe Coil Pack 2mm x 25mm (OD) 20DN (ID).	PRE1025-HTG	1	184E	554.54
25mm. 15m Twin Pipe Coil Pack 2mm x 25mm (OD) 20DN (ID).	PRE1525-HTG	1	184E	770.21
25mm. 20m Twin Pipe Coil Pack 2mm x 25mm (OD) 20DN (ID).	PRE2025-HTG	1	184E	1,026.93
32mm. 10m Twin Pipe Coil Pack 2mm x 32mm (OD) 25DN (ID).	PRE1032-HTG	1	184E	695.65
32mm. 15m Twin Pipe Coil Pack 2mm x 32mm (OD) 25DN (ID).	PRE1532-HTG	1	184E	907.40
32mm. 20m Twin Pipe Coil Pack 2mm x 32mm (OD) 25DN (ID).	PRE2032-HTG	1	184E	1,085.23
Dust Cap	Code	Pack Qty.	Product Group	Price Each £
140mm x 25mm Dust Cap	INS140-25-2DC	1	185M	18.10
140mm x 32mm Dust Cap	INS140-32-2DC	1	185M	18.32
Heat Shrink Cap	Code	Pack Qty.	Product Group	Price Each £
140mm x 25mm or 32mm Heat Shrink Cap.	INS140-3225-2HSC	1	185M	184.26
Insulation Kit	Code	Pack Qty.	Product Group	Price Each £
140mm Insulation Kit for Coupler	INS140IKC	1	185M	126.57
Male Couplings For PEX pipe	Code	Pack Qty.	Product Group	Price Each £
25mm (OD)/2.3 (w/t) thread ¾"	INS25MC-HTG	1	185M	43.62
32mm (OD)/2.9 (w/t) thread 1"	INS32MC-HTG	1	185M	56.51
Couplings For PEX pipe to PEX pipe	Code	Pack Qty.	Product Group	Price Each £
25mm x 25mm coupling	INS25FC-HTG	1	185M	86.30
32mm x 32mm coupling	INS32FC-HTG	1	185M	114.38
Fix Points	Code	Pack Qty.	Product Group	Price Each £
25mm, thread ¾" FF	INS25FP-HTG	1	185M	15.37
32mm, thread 1" FF	INS32FP-HTG	1	185M	34.93

#### **HEAT NETWORKS**

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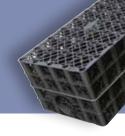
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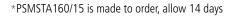
### Polystorm Modular Water Storage



Polystorm-R Modular Water Storage Unit	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
1000mm Long x 500mm Wide x 400mm High 61 Tonnes Loading per sq metre 95% Void Ratio, 9kg Supplied with 4 Clips & 2 Shear connectors For use in trafficked and pedestrian applications (subject to a structural design check and suitable installation conditions).	PSM1A	1	15		РОА		
Polystorm Access	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Polystorm PSMACCESS provides a 1m x 0.5m shaft within a Polystorm geocellular structure to enable surface acpcess for remote camera inspection and maintenance activities such as flushing and rodding. PSMACCESS is compiled from the following components.	PSMA-T PSMA-B2 RD500X- 1.5PE/1 PSMA-R	1 1 1 1	1 1 1 1		POA		
Polystorm Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Brick Bond connector.	PSMBBSC	1	30	170M	5.11		
Spare Polystorm clips.	PSMCLIP	1	60	170M	7.38		PSMCLIP
Spare Polystorm shear connectors.	PSMSC	1	30	170M	3.32		TSIVICEII
110mm EN1401-1 flange adaptor.	PSMFA110	1	1	170M	107.56		
160mm EN1401-1 flange adaptor.	PSMFA160	1	1	170M	177.71		PSMSC
Underground Drainage Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
100mm Ridgidrain socket x 110mm EN1401-1 Spigot Adaptor.	ARD100110	1	10	167E	75.05		
160mm x 110mm single socket level invert reducer.	UG621	1	10	51M	90.74	Plastic Piping Systems KITEMARK™ KM 06383 BS EN 1401-1	UC (24
150mm Ridgidrain socket x 160mm EN1401-1 Spigot Adaptor.	ARD150160	1	10	167E	128.05		UG621
Basic Silt Trap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		11
Adjustable sump level and height to cover (risers and seals required), 160mm inlet and outlet 460mm dia. x 1220mm deep.	PSMST160	1	1		POA		

### Polystorm Modular Water Storage

Advanced Silt Trap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
Stainless steel silt bucket for larger objects, secondary filtration for smaller particles Bucket and filter easily removed for cleaning, For use where invert level does not exceed 1.2m 15 litres per second max flow rate. 160mm inlet and outlet. 460mm dia. x 830mm deep.	*PSMSTA160/15	1	1		РОА



Mini Silt Trap	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
320mm dia x 440mm height, 110mm inlet and outlet Silt bucket included, max burial depth 1m. can be used with UG466 side riser and UG439 cover & frame	PSMST110	1	1		POA	



### Silt Traps and Flow Control



Silt Trap Accessories	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Round Polypropylene Screw down cover & frame BS7158 [A35].	UG511	1	10	51M	244.32	(bsi) KM 61546 BS 7158	
460mm. Square Cover and 65mm Deep Frame Polypropylene. Complete with cover to frame O ring seal and fixing screws with 350mm restricted access (removable) for depths greater than 1.2metres [A35].	UG510	1	20	51M	339.64		UG510
460mm. Frame to Riser seal for UG510 Square Cover and Frame	UG515	1	1	51M	18.12		00310
Silt Trap side riser (215mm effective height).	ICDR1	1	40	51M	163.83	Plastic Pipework KITEMARK™ KM 585205 BS EN 13598-1	
Silt Trap sealing ring.	UG488	1	50	51M	15.02	BS EN 13598-1 BS EN 13598-2	

### Land Drainage Pipes and Couplers PVCu



#### Each Coil Supplied complete with coupler Applies to blue pipe

Coiled Perforated Land Drainage Pipe	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
80mm x 25m Coil. Nominal ID: 70.5mm.	LD8025B	1	1	60E	148.68		
80mm x 50m Coil. Nominal ID: 70.5mm.	LD8050B	1	1	60E	297.40		
80mm x 100m Coil. Nominal ID: 70.5mm.	LD80100B	1	1	60E	527.98	Plastic Pipework	
100mm x 25m Coil. Nominal ID: 90.0mm.	LD10025B	1	1	60E	261.94	KITEMARK™  KM 06710 BS 4962	
100mm x 50m Coil. Nominal ID: 90.0mm.	LD10050B	1	1	60E	523.86		
100mm x 100m Coil. Nominal ID: 90.0mm.	LD100100B	1	1	60E	930.25		

Land Drainage Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
80mm.	HCC80	1	10	61M	8.94	Plastic Pipework	73 %
100mm.	HCC100	1	10	61M	10.04	KITEMARK™  KM 06710 BS 4962	

Multi Y Junction	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
80 x 100mm. (Do Not Solvent Weld Polypropylene).	CDJ10M	1	20	61M	26.45	

### Ridgiduct, Ridgicoil & Polyduct



Ridgicoil	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
50mm. x 50m Black.	RC50X50BE	1	1	164E	200.58	
63mm. x 50m Black.	RC63X50BE	1	1	164E	219.14	
63mm. x 50m Blue.	RC63X50BL	1	1	164E	219.14	
110mm. x 50m Black.	RC110X50BE	1	1	164E	343.60	



Ridgicoil Coupler	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £	
50mm. Black.	RCC50BE	1	10	165M	11.19	
63mm. Black.	RCC63BE	1	10	165M	11.19	
110mm. Black.	RCC110BE	1	10	165M	14.35	



### Ridgiduct, Ridgicoil & Polyduct



Midi-Gully Yard Gully For domestic and smaller capacity industrial and commercial applications (Black HDPE, corrugated for extra strength)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
Yard Gully 300mm x 600mm (110mm Spigot Outlet).	RG300/600	1	36	69M	216.18	BBA APPROPRIATE OF THE PROPERTY OF THE PROPERT	RG300/600
Aluminium Silt Bucket.	RGSB	1	1	69M	279.22		RGSB
Ductile Iron Grating 340mm x 310mm clear opening, 75mm deep frame [C250].	RGG	1	1	69M	350.15		RGG
Ridgigully Road Gully (Black HDPE, corrugated for extra strength)	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £		
450 x 750mm Corrugated Road Gully.	RG450/750	1	12	69M	234.19		
450 x 900mm Corrugated Road Gully.	RG450/900	1	12	69M	243.25	APPROVAL APPROVAL OF THE CENTRAL OF THE CAT TO A CENTRAL	RG450/750
Gully Adaptor, 150mm Twin Wall or SuperSleve.	ARG634	1	10	69M	49.57		
Gully Adaptor, 150mm Polysewer.	PS689	1	10	161M	124.40		ARG634

### Miscellaneous



Expansion Tank	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
4 gallon/18 litre (18" x 12" x 12" Black).	EX104	1	10	81M	25.93
Tank Lid	Code	Pack Qty.	Bulk Qty.	Product Group	Price Each £
Polypropylene.	EX105	1	10	81M	15.88
Tote Bin	Code	Pack	Bulk	Product	Price
	Couc	Qty.	Qty.	Group	Each £
540 x 370 x 290mm Black.	TOTEBIN	Qty.			
540 x 370 x 290mm Black.  Tote Bin Lid				Group	Each £

### Guide to ordering procedures



#### To help us improve our service level please ensure your orders:

- State clearly any Special Delivery Instructions, times, access, vehicle types.
- Product codes should be used when placing your order.
- Product codes always override product descriptions.
- Product pack & bag quantities should be observed and clearly stated as identified in this publication.
- When ordering products with colour options please use suffix detailed at top of page e.g. Grey (G).
- Carriage paid values detailed adjacent should be considered.
- Complete promptly and return our logistics sheet (this is automatically sent to you when we create any new delivery points on your behalf).
- Any order alterations/cancellations will only be accepted up to the point when the load is compiled. It is not possible to effect changes after this.
- We will advise when orders fall short of the carriage paid terms and we have no other orders outstanding to which we can add to. We do not have facility on our system to process and hold low value orders.

### **General Trading Information**



#### **Pack Quantities**

In order to provide our customers with shorter lead times we are looking for your support when placing orders.

Therefore to enable us to fulfil this, please place your orders in pack multiple quantities only.

We have carried out extensive research and reduced many of our pack quantities to satisfy the needs of today's market.

Products not ordered in pack multiples will be rounded up to the next saleable pack multiple.

#### **Stillage Deliveries**

Extrusions are available in wooden frames for mechanical offload. Please refer to pack quantity list for detail.

Mixed product frames are not available.

BAGS are only available in stillages by prior arrangement in predetermined product/pack configuration. A charge will be levied on all metal stillages and refundable on return. A contract would be established to control and monitor stillage movements.

#### **Delivery Targets**

- Merchants stock within a 7 working day period not including day order was received.
- Building sites within a 5 working day period not including day order was received.
- Other delivery requirements and emergency requests by prior arrangement.

#### **Site Deliveries**

We will require logistical information before attempting to deliver to any new sites. Your prompt attention to these requests is important due to the short lead-time expectancy of end users.

#### **Emergency Collections Facility**

We do have a pre-booked collection facility for emergency orders. A 48-hour notice period is required to comply with our health and safety policies.

#### **Carriage Paid Order Values**

- Merchant Stock £1000.00 net
- Site Deliveries £2500.00 net

#### **Minimum Order Values**

Minimum order values will be agreed and displayed in each customer's Commercial Trading Agreement which may supercede the above.

#### Carrier

We can offer a 48-hour carrier facility to cater for your urgent requests. A scale charge will apply for this facility. Details are available on request. We do not offer an overnight service.

Claims for Shortages & Damaged Extrusions (Pipes, Gutters and Large Mouldings)

Our drivers will countersign the delivery note as each of these products are offloaded.

#### Bags

Each bag delivered will be identified with Customer name, load number, individual bag number and total bag count of your consignment.

The driver will offload and bag count. He will obtain your signature as confirmation that you have received the correct number of bags.

#### **Discrepancy Notification**

All extrusions - i.e. pipes gutters and large mouldings are listed at the start of the advice note inventory. Any discrepancies in relation to Pipes, Gutters and Large Mouldings must be noted on the advice note at the time of delivery.

Bags - Any discrepancy relating to the number of bags delivered must be noted on the advice note at the time of delivery. Any discrepancies on bag contents must be advised within 7 days of delivery.

#### **Proof of Deliveries**

Proof of delivery signatures for depot deliveries are available on 01709 770000 (ask for P.O.D.'s). All site deliveries will automatically be sent a P.O.D. to the branch that placed the order.

#### **Return of Products**

We do not accept return of any product surplus to requirement unless previously agreed in writing. Last minute customer cancellations may also be subject to a cancellation charge. Any agreed product returns would be subject to 25% re-stocking charge (£60 minimum).

#### **Terms and Conditions**

A full copy of our terms and conditions are detailed overleaf.

### **Terms & Conditions**



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  "the Company" means Polypipe Building Products which is a registered trading

  division of Polypipe Lim
  registration number 1099323, Registered office: Broomhouse Lane, Edlington, Doncaster DN12 1ES, United Kingdom division of Polypipe Limited, Company 1.1.1
- "Customer" means the person with whom the Company contracts for the supply of Product pursuant to these conditions;
- "Order" means any order submitted to the Company by a Customer
- 1.1.4 "Order Confirmation" means any order confirmation submitted to the Custome
- "Product(s)" means the goods and/or services to be supplied by the Company as referred to and described in an Order which is
- 1.1.6 "Quotation" means the quotation submitted to the Customer by the Company prior to submission of an Order which details the ces at which the Customer may make an offer to purchase the Products
- "Writing" includes telex, cable, facsimile transmission, electronic data transfer and comparable means of communication.
- A contract shall come into force between the Parties each time an Order is accepted by the Company, whether by issuing an Order Confirmation, by delivery, or otherwise, but not before. Subject to clause 1.3, (i) the terms of each contract shall be as set out in the conditions and the terms of any Order accepted by the Company, and (ii) in the event of any conflict between these conditions and any such Order, the terms of the Order shall prevail.
- Save to the extent contemplated at clause 2.1, the parties agree that any terms and conditions submitted at any time by the Customer which have not been written specifically for the purposes of the Product requirement to which a specific Order relates (including, without limitation, any standard terms and conditions of purchase which are printed on any order documentation submitted by the Customer), shall not apply to any contractual dealings between the parties and shall not be deemed to constitute a counter-offer to purchase Products in accordance with those terms unless a specific intention is expressed for such terms and conditions to apply in respect of a specific Order notwithstanding this clause 1.3, and any failure by the Company to challenge or respond to any such terms and conditions does not imply and shall not constitute acceptance of those terms and conditions.
- Unless otherwise stated therein Quotations shall be valid for a maximum period of 30 days from issue and may be withdrawn at any time by written or oral notice.
- Any statement or representation (other than in the Company's Quotation or these terms and conditions) by the Company its servants or agents upon which the Customer wishes to rely must be set out in Writing and attached to or endorsed on the Customer's Order and in any such case the Company may confirm, reject or darify the point and submit a new Quotation. Any statement or representation which is not so confirmed in Writing is followed or acted upon entirely at the Customer's own risk, and shall not form any part of the contract between the parties, and shall be deemed not to have influenced the Customer in deciding whether to enter
- 1.6 The contract is between the Company and the Customer as principals; neither the benefit nor the burden is assignable by the
- Customer without the Company's written consent; the contract may be assigned or subcontracted by the Company. Unless specifically agreed to the contrary all trade terms shall be interpreted in accordance with current INCOTERMS.
- If, subsequent to any contract of sale which is subject to these conditions, a contract of sale is made with the same Customer withou reference to any conditions of sale or purchase, such contract howsoever made shall be deemed to be subject to these conditions or (if different) the standard Conditions of Sale of the Company current at the time when such contract of sale is made.

- If the Company and Customer agree that electronic trading between them shall be a basis for order processing and invoicing then these terms and conditions shall apply subject to any special terms and conditions terms which are specific to electronic trading and which have been agreed by the parties in writing.
- Electronic orders shall be valid if all the information agreed between the Customer and the Company as being required is properly set 2.2 out in the agreed format and the order is transmitted by the Customer to the Company by reference to the correct identification code and is received by the Company when collecting its electronic mail from the relevant system.

- Unless otherwise agreed in Writing by the Company delivery shall be deemed to take place in the case of ex-works sales when the Products are made available by the Company for collection by the Customer or its carrier and in all other cases upon delivery by the Company to the agreed mainland UK delivery point airport or port but before the Products are unloaded, which shall be the responsibility of the Customer.
- The Company shall not be obliged to make delivery unless and until the Company has received all necessary information, drawings, final instructions and approvals from the Customer and the Customer acknowledges that any delays or alterations by the Customer may result in delayed delivery for which the Company shall not be responsible.
- All dates and periods for delivery are estimated and do not constitute fixed times for delivery by the Company. Unless such a right or rights are expressly agreed in Writing by the Company, the Customer shall have no right to damages or to cancel the contract for failure arising from any cause to meet any delivery times given in the contract or subsequently set.
- Notwithstanding clause 3.3 the Customer shall be obliged to accept delivery on the date or within the period stated in the Quotation or (if none is so stated) no later than one month after the issue or notice in Writing by the Company requiring the Customer to accept delivery. Failure by the Customer either to take delivery or to make payment in respect of any one or more installments of Products shall entitle the Company to terminate the Contract (such right is without prejudice to any other rights and remedies available to the
- shall entitle the Company to terminate the Contract (such right is without prejudice to any other rights and remedies available to the Company whether expressly provided for in these Conditions or implied by any rule of law).

  Where the Customer requests and the Company agrees to postpone delivery or where delivery is otherwise postponed or delayed without default by the Company, the Customer shall pay upon receipt of written demand from the Company all costs and expenses including a reasonable charge for storage and transportation occasioned thereby and the Customer shall pay for the Products in accordance with these conditions as if the same had been delivered in the ordinary course without reference to the postponement or delay. In addition, the Company shall be entitled to claim interest pursuant to Clause 7.3.2 of these Conditions from the date on which payment would have fallen due, but the Products been delivered in the ordinary course but for the postponement or delay. In less softwards, expressly angent is within the Company may effect delivers in one or more installments. Where delivers is different
- Unless otherwise expressly agreed in Writing the Company may effect delivery in one or more installments. Where delivery is effected by installment seach installment shall be treated as a separate contract governed by these conditions. No delay in the delivery of any installment of Products or any defect therein shall entitle the Customer to terminate the remainder of the contract.

#### RISK AND TITLE

- Risk of damage to or loss of the Products shall pass to the Customer upon delivery and the Customer is then solely responsible for all loss damage or deterioration to the Products.
- Title to the Products shall not pass to the Customer until either:-
- 4.2.1 The Company has received in cash or cleared funds all monies payable (whether or not due) to the Company under this and any other contracts whenever made between the Company and the Customer including contracts made after this contract; or When the Company serves on the Customer notice in Writing specifying that title in the Products or any part thereof has passed
- Until title has passed to the Customer the Company may require the Customer to deliver up to the Company all products in respect of which the Company has title and if the Customer fails to do so forthwith the Company's officers, employees, representatives or agents shall be entitled to enter upon any premises where such Products are kept for the purposes of recovering the same.
- agents shall be entured to enter upon any premises where such relocutes a ear kept for the purposes of recovering the same. Until title to the Products has passed to the Customer pursuant to these conditions it shall possess the Products as folialized any agent and bailee of the Company and shall store the Products separately from other goods not owned by the Company and shall ensure that they are fully insured on an all risks basis and clearly identifiable as belonging to the Company and the Company shall be entitled to enter upon any premises where such Products are kept for the purpose of satisfying itself that this condition is being complied with by the Customer.
- In the event that the Customer has any contract with any other company under the ultimate control of the parent company that has ultimate control of the Company under which any monies are outstanding (whether or not due) then the Customer shall not (notwithstanding that title would otherwise pass pursuant to Clause 4.2 above) obtain title to the Products or other goods supplied by the Company under this or any other contracts between them until such other company has received in cash or cleared funds all

- No contract can be amended or cancelled except with the Company's approval in Writing and should such approval be given the Customer shall indemnify the Company against any costs, losses or expenses resulting from any cancellation or amendment.
- Unless otherwise agreed in Writing all prices shall be as stated in the valid Quotation or, if no valid Quotation is in place, th Company's prevailing standard price at the time of receipt of an Order, and are for delivery ex works and are exclusive of VAT and any other applicable taxes, which are payable in addition. Unless otherwise stipulated by the Company in Writing prices are payable in Sterling or if the Sterling currency has ceased to exist when the contract is made, shall be payable in such currency as replaces the
- The Company will use its best endeavors to ensure that all prices on display/provided to Customers are correct and up to date However, should a Customer place an Order using an incorrect price then the Customer agrees that the Company may substitute the incorrect price set out in the Order for the correct price (whether the price specified on a valid Quotation or the Company spray substitute the incorrect price as appropriate) and charge accordingly.
- The Company shall be entitled at any time by giving notice in Writing, before or after final invoicing to make a reasonable adjustment to the price in the event of any alteration in quantity, design or specification requested by the Customer.

- The Company reserves the right at any time prior to delivery by giving notice in Writing to increase the price if there is any increase in the cost of materials, labour, transport, or utilities or if the costs of the Company are increased by any other factor beyond the reasonable control of the Company.
- Charges made on the Company's invoice for cases will be credited on their return to the Company's premises carriage paid and in good reusable condition. Cases shown as returnable but not charged on the Company's invoice must be returned to the Company's premises carriage paid and in good re-usable condition otherwise an additional charge will be made in respect of their cost.
- The Customer shall be liable to the Company for any demurrage costs incurred in the event of vehicles being unduly delayed at the

#### TERMS OF PAYMENT

- Unless otherwise agreed by the Company in Writing, the Customer shall make payment by the last day of the month following the month of invoice and the Company shall be entitled to issue invoices in the month in which the Products are delivered or wi been delivered, save for postponement or delay otherwise than due to default on the part of the Company. Time for payment of the orice is of the essence of the contract.
- No disputes arising under this contract shall serve to permit payment by the Customer of sums due to the Company to be delayed nor shall disputes interfere with prompt payment in full. The Buyer shall not be entitled to make any deduction from or set off against any sums owing to the Company by reason of any such dispute or at all.
- In the event of default in payment by the Customer the Company shall be entitled, without prejudice to any other right or remedy:
- to suspend without notice all further deliveries on this or any other contract between the Company and the Custo
- to charge interest on a daily basis (after as well as before judgement) on any amount outstanding at the rate of 4% above the Base Rate of Lloyds Bank plc from time to time: and/or
- to serve notice on the Customer requiring immediate payment for all goods supplied by the company under this and all other contracts between them whether or not payment is otherwise due or invoiced.

- Subject to Clause 8.2 the Products shall in all material respects be of such specification agreed between the Company and the Customer under the contract, or (if not so agreed) shall be generally in all materials respects in accordance with any published specification issued by the Company.
- The Company reserves the right to make changes in dimensions or other specifications of the Products as are required to conform to applicable standards or laws or are otherwise within reasonable limits having regard to the nature of the Products. Dimensions specified by the Company are to be treated as approximate only unless it is specifically agreed in Writing that exact measurements are considered.
- ie Customer acknowledges that it has not specified any particular use for the Products and that it is entirely its own responsibility to tisfy itself that the Product is suitable for the use which it intends. The Customer ackn

#### LOSS SHORTAGES AND DAMAGE APPARENT ON DELIVERY INSPECTIONS

- The Customer shall have no claim for loss, shortages or damage on delivery which are or would be apparent on inspection unless the
- practicable following receipt:
- notifies the Company of any loss, shortages or damage (otherwise than by a qualified signature on the delivery note) within ten working days of receipt: and
- demonstrates to the satisfaction of the Company that such loss, shortages or damage occurred prior to delivery.
- The Customer shall have no rights in respect of loss, shortages or damage unless the Company is given a reasonable opportunity to inspect the Products and investigate any complaint before any use of or alteration to or interference with the Products.
- On a valid complaint made in accordance with this Clause the Customer shall be entitled (in the case of notified shortages) to receive On a valid complaint made in accordance with this clause the Customer shall be entitled (in the case of notified shortages) to rewithin a reasonable time a delivery of Products equivalent to the shortfall and (in the case of defects) to repairs to or replacemen for the affected Products or at the Company's option a credit for the price thereof but the Company shall have no further liability whatsoever. If a complaint of loss, shortages or damage on delivery is not made to the Company in accordance with this Clause 9 within 5 working days of the date of delivery, then the Products shall be deemed to be delivered complete and undamaged in accordance with the contract and the Customer shall be bound to pay for the same accordingly.
- Loss, shortages or damage in a delivery or any installment delivery shall not be a ground for termination of the contract or the remainder of the contract (as the case may be).

#### WARRANTY

- The Company warrants that Products which do not comply with either Clause 8.1 or Sections 13 to 15 of the Sale of Goods Act 1979 ry as a result of faulty design workmanship or materials (other than issue materials), shall either be repaired or replaced or that, at the Company's option, a credit or refund for the price thereof shall be given provided always that:
- 10.1.1 the Company receives written notice of the defect within 12 months of delivery,
- 10.1.2 no alteration to or interference with the Products takes place before the Company is given access to the Products to inspect and test
- 10.1.3 the defect does not consist of a loss shortage or damage to which Clause 9 is expressed to apply;
- 10.1.4 the defect does not arise by reason of a design specification or instruction given by the Customer
- 10.1.5 the Customer has not defaulted in its obligation to make payment of the contract price for the Products;
- 10.1.6 the defect shall not be attributable to incorrect storage or use of the Products by the Customer.
   10.2 The benefit of Clause 10.1 shall only extend to Products or parts not manufactured by the Company to the extent that the Company has equivalent recourse against the manufacturer or supplier thereof.
- The Customer shall indemnify the Company in respect of loss or damage arising from any use made of Products after the Customer became or ought reasonably to have been aware of a defect.
- In the event of a valid claim being made in accordance with Clause 10.1:
- 10.4.1 the Customer shall be bound to accept repaired or replacement Products or at the Company's option credit or repayment and shall not be entitled to terminate the contract;
- 10.4.2 if the Company does not repair or replace Products within 60 days or such longer time as may be reasonable then the Customer's sole remedy shall be an entitlement to full credit or repayment in respect of the defective Products; and the Company shall be under no further liability in respect of any loss or damage arising from the defect or from any delay before repair replacement credit or

- The Company does not exclude liability arising under Section 12 of the Sale of Goods Act 1979 (good title) (as amended) or for death or personal injury caused by its negligence as defined in the Unfair Contract Terms Act 1977, fraudulent misrepresentation or any other type of liability which cannot by law be excluded or limited
- other type of liability which cannot by law be excluded or limited Save as provided under Clauses 9, 10 and 11.1 the Company shall have no liability to the Customer in connection with or arising from any defect or failure in the Products or otherwise due to the quality, condition, suitability, durability, safety or any other aspect or feature of the Products. The Company's liability, whether in respect of one claim or in the aggregate, shall not exceed the contract price payable under this contract for the supply of Products to be provided under it. The price of the Products is predicated on the basis of the limitations and exclusions set out in these conditions. The Customer acknowledges that without those exclusions and limitations, the price of the Products would be higher and that the limitation of the Company's liability is therefore reasonable in all the circumstances. The Customer agrees that it is its own responsibility to insure adequately to cover any loss or damage in excess of the aforesaid limit of the Company's liability subject to reaching agreement on terms, the Company and the Customer may determine an increased level of liability which is to be accepted in Writing by the Company to cover, in particular specific types of loss or damage which both parties reasonably foresee and anticipate.
- In Clause 11.2 the term "liability" means any form of liability whatsoever including but not limited to liability in misrepresentation and under contract, common law, equity and any statutory provision whether or not based on negligence or breach of any express or implied duty to act with care or skill.
- Monwithstanding any other provisions of these conditions the Customer shall have no claim against the Company in respect of any loss other than strictly direct losses (meaning for these purposes the increased costs of purchasing products from a third party or the cost of remedial repair work) and specifically consequential, financial economic loss whether direct or indirect including but not limited to any incidental costs of dismantling fitting or other ancillary work required in connection with the provision of a repair or replacement, any loss or production profits contracts loss of use or anticipated savings and any claims made against the Customer by any third party are excluded even if reasonably foreseeable.
- to the extent that any liability of the Company is expressed to be limited or excluded by these conditions the Customer shall indemnify the Company in respect thereof.

#### CONFIDENTIAL INFORMATION ETC

All drawings, documents, records, computer software and other information supplied by the Company are supplied on the express understanding that all intellectual property rights therein is reserved to the Company and that the Customer will not without consent of the Company either give away, loan, exhibit, or sell the same or extracts therefrom or copies thereof or use the same in any way except in connection with the Products in respect of which they are issued.

### **Terms & Conditions**



#### 13 PATENT INDEMNITIES

- 13.1 If the Customer is subject to a claim or threatened with any action alleging that the Products in the form supplied infringe any patent, copyright, design right or other intellectual property right then provided that the Customer promptly informs and fully co-operates with the Company and if requested allows the Company the conduct and defence thereof on the Customer's behalf, the Company will indemnify the Customer against any award or damages for infringenent made in any such action by a court or other competent body against the Customer. Further, if the Products are infringing the Customer agrees that the company shall have the option at its own expense either to modify the Products so that they do not infringe: to replace the Products with a non infringing substitute: to procure for the Customer the right for the Customer to continue its use of the Products or to repurchase the Products from the Customer at the price paid by the Customer last an allowance for the use made thereof.
- 13.2 The Company shall have no liability in respect of claims for infringement or alleged infringement of third parties patent or other intellectual property rights arising from the manufacture or supply of the Products to the Customer's instructions or in accordance with designs plans or specifications given by the Customer and the Customer shall indemnify the Company against all losses damages expenses costs or other liability arising from such claims.

#### 14 CUSTOMER'S DRAWINGS

4.1 The Customer shall be solely responsible for ensuring that all drawings information advice and recommendations specified or given to the Company by the Customer or its agents, servants consultants or advisers are accurate correct and suitable Examination or consideration by the Company of such drawings information advice or recommendations shall not result in any liability on the part of the Company.

#### 15 COMPANY LITERATURE

15.1 The information contained in the advertising, sales, technical, and other literature issued by the Company may be relied upon to be accurate in the exact circumstances in which it is expressed otherwise any illustrations performance details examples of installations and methods of assembly and all other information and data in such literature are based on experience and upon trials under test conditions and are provided for general guidance only. No such information or data shall form part of the contract unless it is specifically referred to in the Quotation.

#### 16 TERMINATIO

- 16.1 Without prejudice to any other rights or remedies of the Company it shall be entitled in any of the following circumstances to terminate (in whole or in part) this and any other contract whenever made between the Company and the Customer and/or to suspend deliveries and/or to receive upon demand payment of all monies payable under any such contracts whether or not otherwise
- 16.1.1 the Customer made or proposes any voluntary arrangement with its creditors or becomes subject to an administration order or becomes bankrupt or goes into liquidation;
- 16.1.2 an encumbrancer takes possession or a receiver is appointed of any of the property or assets of the Customer.
- **16.1.3** the Customer becomes unable to satisfy its debts as they fall due or cease, or threatens to cease to carry on business;
- **16.1.4** the Company reasonably believes that any of the events mentioned above or any equivalent or similar event under any relevant laws to which the Customer or any connected person is subject has or may occur;
- **16.1.5** the Customer or any connected person commits any breach of this or any either contract whenever made between the Customer and

#### 17 FORCE MAJEURE

- 17.1 The Company shall be excused performance of its obligations whilst and if affected by act of God governmental restriction condition or control, any act done or not done pursuant to a trade dispute whether such dispute involves its employees or not, default by suppliers of the Company, shortage of materials or by any other act matter or thing beyond its reasonable control including failure by the other party to carry out anything required for performance of the contract.
- 17.2 In the event that the Company does not perform its obligations by reason of any of the causes referred to in Clause 17.1 within six months after the time for performance then the Company or the Customer may by written notice terminate the contract without liability save that the Customer shall pay for any Products delivered or completed at the time of termination.

#### 18 TOOLS

18.1 Any tools (such as jigs, dies, etc) which the Company may construct or acquire specifically in connection with the Products shall, notwithstanding any charges the Company may make for them, be and remain the Company's sole and unencumbered property and in the Company's possession and control without restriction.

#### 19 FREE-ISSUE MATERIALS

- 19.1 Free-issue material shall be insured by and remain at the risk of the Customer at all times and the Company shall be indemnified by the Customer against any loss, damage, injury or expense whatsoever arising directly or indirectly therefrom and the company shall not be liable for loss of or damage to any such materials during fabrication by the Company or sub-contractor employed by Company or whilst on the premises of the Company or of any such subcontractor or in transit to or from the premises of the Company or of any such sub-contractor provided that the Company may at its sole discretion make a contribution towards the replacement costs of such materials.
- 19.2 An allowance for material lost as process scrap is (where applicable) included in the contract price and no such losses shall be the subject of any claim by the Customer or contribution by the Company.
- 9.3 Where materials are supplied by or on behalf of the Company the Customer shall be responsible to ensure that the material is of satisfactory quality and is fit for its purpose and shall indemnify be Company against any loss damage, injury or expenses whatsoever arising directly or indirectly from any fault in or incorrect seefficiation of the said materials.

#### 20 CONSUMER PROTECTION ACT 1987

- 20.1 Where the Customer purchases the Products for use or incorporation with any other products to be assembled, produced, processed packed or supplied by the Customer or for resale or supply ancillary to any such other products or other products supplied by the Customer then:
- 20.1.1 the Customer shall forthwith on demand produce for inspection by the Company copies of all written instructions information and warnings to be supplied by the Customer in relation thereto provided nevertheless that such inspection or right to inspect shall not give rise to any responsibility or liability on the part of the Company; and
- 20.1.2 the Customer shall indemnify the Company against any losses, costs and damages that the Company may suffer or incur in the event any claim is made against the Company in relation thereto if the Products did not comprise the detective perment thereof or were rendered defective by reason of actions or omissions of the Customer (including without limitation the supply of defective free-issue materials) or were rendered defective by reason of instructions or warnings given or omitted by the Customer or other reseller.
- 20.2 For the purpose of Clause 20.1 the term "defective" shall be interpreted in accordance with the definition contained in Part 1 of the Consumer Protection Act 1987.

#### 21 HEALTH & SAFETY

21.1 The Customer agrees to pay due regard to any information supplied by the Company relating to the use for which the Products are designed or have been tested or concerning conditions necessary to ensure that they will be safe and without risk to health at all times when they are being set, used, cleaned, serviced or maintained by any person and the Customer undertakes to take such steps as may be specified by such information or otherwise necessary to ensure that as far as is reasonably practicable the Products will be safe and without risk to health at all times as mentioned above.

#### 2 LAW AND JURISDICTION ETC

- .1 The Contract shall be governed and interpreted exclusively according to the Laws of England.
  The parties hereby agree to submit to the exclusive jurisdiction of the English courts provided that the Company may at its option take proceedings in the courts of the state in which the Customer is domiciled including action to obtain any remedy (including injunctive relief). In the case of any order for the export of Products, the Schedule to the Uniform Law on International Sales Act 1967 shall not in any circumstances apply to the Contract and neither shall the limits imposed by the Unfair Contract Terms Act 1977 on the extent to which liability can be excluded or limited.
- 22.2 No waiver of or delay or failure by the Company to exercise any rights or remedies or further exercise thereof.
- 22.3 If any provision of these conditions shall be held invalid or unenforcable in whole or in part then the unaffected provisions shall remain in full force and effect. Headings appear for convenience only and shall not affect the Construction of these conditions.
- 22.4 If the Contract provides for the supply of services and no general conditions of the Company relating specifically to the supply of services are made applicable to such services then these conditions shall mutatis mutantis apply to such services as they would apply to Products and in such event Clause 10.1 will be deemed to include a reference to Sections 3 to 5 of the Supply of Goods and Services Act 1982 (as amended), either in addition to or in place of the reference to Sections 13 to 15 of the Sale of Goods Act 1979 (as amended) as may be appropriate. For the avoidance of doubt the following provisions apply where the Company supplies services to the Customer in accordance with clause 22.4:
- 22.4.1 the Company's obligation to provide the services is in any event conditional upon payment of the agreed price for the services. Any default or delay in payment according to the terms agreed between the Company and the Customer shall entitle the Company at its option to decline to perform or decline to continue to perform its obligations hereunder but without thereby incurring any liability to the Customer.
- 22.4.2 Save to the extent that by reason of negligence on the part of the Company in the performance of the services which results in death or personal injury (which the Company does not limit or exclude), the Company's liability under the contract shall be limited to the amount of charges paid to the Company in return for the services and in particular the Company accepts responsibility only for direct and unavoidable loss or damage arising from any negligence in the provision of services and in particular all other types of loss whether economic, financial, indirect or consequential and whether reasonably foreseable or not are excluded to the fullest extent permitted by law.
- 22.4.3 The Customer shall lend all such reasonable assistance to the Company in the performance of the services as the Company shall reasonably require.
- 22.4.4 The Customer shall indemnify and keep the Company, its employees, agents and contractors indemnified at all times from and against any loss or damage and injury caused to persons or property in the course of the provision of the services where such loss or damage arises by reason of the Customer's negligence or negligence of persons under the control of the Customer.
- 22.4.5 The Customer acknowledges and agrees that if due to the act or omission of the Customer, the Company is not able, having attended at the Customer's premises to perform the services, the Company shall be entitled to daim reasonable additional costs and expenses from the Customer occasioned by any resulting delay in the provisions of the services.
- 22.5 In cases for the sale or supply of Products overseas, the following additional provisions shall apply unless otherwise stipulated in
- 22.5.1 the Customer shall be solely responsible for obtaining all necessary import authorisations, the payment of any applicable import taxes, duties or imports and the Company shall be under no obligation to give the Customer the notice specified in Section 32(3) of the Sale of Goods Act 1979 (or any re-enactment thereof);
- 22.5.2 Quotations issued in a currency other than Sterling may at the Company's option, unless otherwise agreed in writing, be subject to amendment in the event of fluctuations in the applicable exchange rate prior to the date of invoice;
  22.5.3 payment in respect of Products for export is due on the date specified by the Company at the date when the Contract is made, in the
- 22.5.3 payment in respect of Products for export is due on the date specified by the Company at the date when the Contract is made, in the current stated in the invoice and in accordance with the method of payment stipulated by the Company, All costs incurred by the Company in connection with the designated particular method of payment shall be met by the customer.

#### 23 DISTANCE SELLING REGULATIONS

If you are a consumer within the meaning of the Distance Selling Regulations 2000 and you have bought the products detailed overleaf over telephone, internet or via mail order then within seven days of receipt of you products you have the right to cancel your order and return the Products for a full refund.

## Index



Code	Price £	Page
2025	93.86	33
2050	187.72	33
2525	119.74	33
2550	239.40	33
3225	200.64	33
3250	401.30	33
4050	624.01	33
4731	59.77	41
4901	26.06	35
5006	115.44	33
5025	480.77	33
5050 6306	961.41 180.92	33 33
6325	754.02	33
6350	1,507.99	33
20100	375.31	33
20150	563.04	33
25100	478.90	33
25150	718.28	33
30920	3.06	38
30925	3.88	38
30932	4.53	38
30940	8.99	38
30950	8.88	38
30963	12.77	38
31050	483.09	40
31063	711.50	40
32100	802.52	33
32150	1,203.81	33
40020	8.71	35
40025	9.74	35
40032	23.49	35
40040 40050	32.44	35
40063	53.72 78.86	35 35
40100	1,248.11	33
40100	11.91	36
40125	17.51	36
40132	29.38	36
40140	50.51	36
40150	64.66	36
40163	85.69	36
40220	16.85	37
40225	26.06	37
40232	36.51	37
40240	69.90	37
40250	81.81	37
40263	122.08	37
40320	11.32	36
40325	12.39	36
40332	17.00	36
40340	35.15	36
40350	45.73	36
40363	65.84	36
40420	8.76	36
40425	11.48	36
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40403	19.91	35
40623	34.32	35
40640	45.30	35
40650	62.82	35
40920	11.48	37
40925	13.65	37
40932	18.89	37
40940	39.59	37
40950	48.78	37
40963	68.09	37
41020	120.70	40
41025	159.10	40
41032	254.80	40
41125	33.55	37
41132	40.50	37
41320	42.33	40
42120	11.32	36
42125	16.29	36
42132	26.79	36
42140	32.56	36
42150	58.88	36
42163	76.53	36
12220		
42220	16.21	37
42220 42225 42232	26.79 36.01	37 37 37

Code         Price £         Page           42240         55.29         37           42250         75.60         37           42263         107.63         37           42320         9.50         37           42321         18.53         37           42420         24.65         37           42425         29.50         37           42525         22.84         37           42620         54.35         40           42632         131.76         40           46420         1.13         38           46425         1.31         38           46420         1.13         38           46432         1.69         38           46440         2.41         38           46450         2.53         38           46820         7.47         38           46825         9.00         38           46820         7.47         38           46825         9.00         38           46932         4.53         39           46932         5.25         39           46940         11.06         39			
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46820         7.47         38           46825         9.00         38           46832         11.86         38           46920         4.03         39           46925         4.53         39           46932         5.25         39           46940         11.06         39           47021         15.97         41           47032         31.32         41           47043         31.67         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47334         49.62         41           47620         76.80         41           47625         83.55         41           47625         83.55         41           47720         55.11         41           47725         71.74         41           47725         71.74         41           47820         11.32         36           47832         30.33         36           48125         16.73         35           48320         20.61         40			
46825         9.00         38           46832         11.86         38           46920         4.03         39           46925         4.53         39           46932         5.25         39           46940         11.06         39           47021         15.97         41           47032         31.32         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47620         76.80         41           47625         83.55         41           47620         76.80         41           47720         55.11         41           47725         71.74         41           477820         11.32         36           47825         14.42         36           47825         14.42         36           47825         14.42         36           47825         14.42         36           48320         20.61         40           48325         25.46         40           49034         17.15         35 <tr< td=""><td></td><td></td><td></td></tr<>			
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46925         4.53         39           46932         5.25         39           46940         11.06         39           47021         15.97         41           47022         31.32         41           47033         31.67         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47334         49.62         41           47625         83.55         41           47625         83.55         41           47625         83.55         41           47720         55.11         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36 <t< td=""><td></td><td></td><td></td></t<>			
46932         5.25         39           46940         11.06         39           47021         15.97         41           47032         31.32         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47320         76.80         41           47625         83.55         41           47625         83.55         41           47625         83.55         41           47720         55.11         41           47725         71.74         41           47720         55.11         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47722         16.73         35           48320         16.73         35           48320         20.61         40           48325         14.42         36           48325         25.46         40           49034         17.15         35           50100         1,922.78         33	46920	4.03	
46932         5.25         39           46940         11.06         39           47021         15.97         41           47032         31.32         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47324         49.62         41           47620         76.80         41           47625         83.55         41           47625         83.55         41           47720         55.11         41           47725         71.74         41           47720         55.11         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47720         11.32         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33	46925		
47021         15.97         41           47032         31.32         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47334         49.62         41           47620         76.80         41           47625         83.55         41           47625         55.11         41           47726         75.11         41           47725         71.74         41           47820         11.32         36           47832         30.33         36           48125         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           63100         3,016.06         33           63150         4,524.03         33           4693259         5.25         39           470112         15.58         41	46932	5.25	39
47032         31.32         41           47043         31.67         41           47240         16.73         40           47312         44.79         41           47324         49.62         41           47625         83.55         41           47625         83.55         41           47632         114.21         41           47720         55.11         41           47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41 <td>46940</td> <td>11.06</td> <td>39</td>	46940	11.06	39
47043         31.67         41           47240         16.73         40           47312         44.79         41           47324         49.62         41           47620         76.80         41           47625         83.55         41           47625         83.55         41           47625         83.55         41           47720         55.11         41           47725         71.74         41           47725         71.74         41           47725         71.74         41           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470212         15.97         41		15.97	41
47240         16.73         40           47312         44.79         41           47334         49.62         41           47620         76.80         41           47625         83.55         41           47632         114.21         41           47720         55.11         41           47725         71.74         41           47725         71.74         41           47825         14.42         36           47825         16.73         35           48320         20.61         40           48325         25.46         40           48024         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470212         15.97         41           470212         15.97         41           470214         15.97         41           470215         15.97         41           470219         19.51         39 <td></td> <td></td> <td></td>			
47312         44.79         41           47334         49.62         41           47620         76.80         41           47625         83.55         41           47625         11.32         14           47720         55.11         41           47725         71.74         41           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470212         15.97         41           470234         15.97         41           470214         15.97         41           470217         16.45         39           479127         16.45         39           479127         16.45         39 <td></td> <td></td> <td></td>			
47334         49.62         41           47620         76.80         41           47625         83.55         41           47632         114.21         41           47720         55.11         41           47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50100         3,916.06         33           63150         2,884.27         33           50150         2,884.27         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470214         15.58         41           470215         15.97         41           470214         15.97         41           470215         16.45         3			
47620         76.80         41           47625         83.55         41           47625         83.55         41           47625         83.55         41           47625         11.421         41           47720         55.11         41           47725         71.74         41           47820         11.32         36           47832         30.33         36           48325         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470124         15.97         41           470244         15.97         41           470212         15.97         41           470124         15.97         41           470127         16.45         39           479129         19.51         39 <td></td> <td></td> <td></td>			
47625         83.55         41           47632         114.21         41           47720         55.11         41           47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470212         15.97         41           470212         15.97         41           470212         15.97         41           470213         15.97         41           470219         19.51         39           479129         19.51         39           479129         19.51         3			
47632         114.21         41           47720         55.11         41           47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470134         15.58         41           470212         15.97         41           470214         15.97         41           470215         15.97         41           470217         16.45         39           479127         16.45         39           479127         16.45         39           3085020         22.04 <td< td=""><td></td><td></td><td></td></td<>			
47720         55.11         41           47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470213         15.58         41           470214         15.59         41           470215         15.97         41           470116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3086325         26.44 <t< td=""><td></td><td></td><td></td></t<>			
47725         71.74         41           47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470244         15.58         41           470212         15.97         41           470214         15.97         41           470215         15.97         41           470216         67.28         39           479129         19.51         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         <			
47820         11.32         36           47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470124         15.58         41           470125         15.97         41           470212         15.97         41           470134         15.97         41           470125         39         479127           16.45         39         479129           479129         19.51         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3086325         22.04			
47825         14.42         36           47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470121         15.58         41           470212         15.97         41           470214         15.97         41           470215         15.97         41           47014         15.97         41           470121         16.45         39           479127         16.45         39           479129         19.51         39           479129         19.51         39           479129         19.51         39           479129         19.51         39           479129         19.51 <t< td=""><td></td><td></td><td></td></t<>			
47832         30.33         36           48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470134         15.58         41           470212         15.97         41           470234         15.97         41           470134         15.58         41           470217         16.45         39           479127         16.45         39           479129         19.51         39           479129         19.51         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44			
48125         16.73         35           48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470134         15.58         41           470212         15.97         41           470214         15.97         41           470215         15.97         41           470216         67.28         39           479127         16.45         39           479129         19.51         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086325         26.44			
48320         20.61         40           48325         25.46         40           49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470134         15.58         41           470212         15.97         41           470234         15.97         41           479116         67.28         39           479129         19.51         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086325         26.44         41           3086326         26.44         41           3086327         26.44         41           3086320         34.32 <td></td> <td></td> <td></td>			
49034         17.15         35           50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470134         15.58         41           470212         15.97         41           470234         15.97         41           479127         16.45         39           479129         19.51         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086320         26.44         41           3086322         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4063220         34.32         35           4065032         62.82	48320		40
50100         1,922.78         33           50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470114         15.58         41           470212         15.97         41           470214         15.97         41           479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085025         22.04         41           3086320         26.44         41           3086321         22.04         41           3086322         26.44         41           3086325         26.44         41           3086326         26.44         41           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.	48325	25.46	40
50150         2,884.27         33           63100         3,016.06         33           63150         4,524.03         33           63150         4,524.03         33           469329         5.25         39           470112         15.58         41           470134         15.58         41           470121         15.97         41           470224         15.97         41           479116         67.28         39           479129         19.51         39           479129         19.51         39           3085020         22.04         41           3085032         22.04         41           3085032         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086326         26.44         41           3086327         26.44         41           308632         26.44         41           308632         26.44         41           308632         26.44         41           308632         36 <td>49034</td> <td>17.15</td> <td>35</td>	49034	17.15	35
63100 3,016.06 33 63150 4,524.03 33 469329 5.25 39 470112 15.58 41 470134 15.58 41 470212 15.97 41 470234 15.97 41 479116 67.28 39 479127 16.45 39 479129 19.51 39 479129 19.51 39 3085020 22.04 41 3085032 22.04 41 3085032 22.04 41 3086325 26.44 41 3086325 26.44 41 4012520 24.00 36 4032512 11.71 36 4042512 11.32 36 406320 34.32 35 4065032 62.82 35 41132534 50.74 40 4042512 11.32 36 4065032 62.82 35 41132534 50.74 40 4082515 9.69 38 4701121 10.33 41 4701141 16.38 41 4702112 15.97 41 4703412 9.55 4713220 9.69 38 4713225 9.69 38 4713225 9.69 38 4713225 9.69 38 4713220 9.69 38 4713225 9.69 38 4715020 19.75 38 4715032 19.75 38 4715032 19.75 38 4715032 19.75 38 4715032 19.75 38 4716320 29.50 38 4716320 29.50 38 4716320 29.50 38	50100	1,922.78	33
63150			
469329         5.25         39           470112         15.58         41           470134         15.58         41           470212         15.97         41           470234         15.97         41           479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085025         22.04         41           3086302         26.44         41           3086325         26.44         41           3086326         26.44         41           4082512         11.71         36           4042512         11.32         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           413220         37.79         37           413220         37.79         37           4703412         15.97         41           470212         15.97			
470112         15.58         41           470134         15.58         41           470212         15.97         41           470234         15.97         41           479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086325         26.44         41           4032512         11.71         36           4042512         11.32         36           4032512         11.71         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4702112         15.97         41           4703412         9.55 </td <td></td> <td></td> <td></td>			
470134         15.58         41           470212         15.97         41           470234         15.97         41           479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086332         26.44         41           408532         26.44         41           408532         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38 </td <td></td> <td></td> <td></td>			
470212         15.97         41           470234         15.97         41           479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3085320         26.44         41           3086320         26.44         41           3086321         26.44         41           4082512         11.71         36           4032512         11.71         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4702112         15.97         41           4703412         9.55         41           4713220         9.69         38           4713220         9.69         38           4715020         19.75 </td <td></td> <td></td> <td></td>			
470234         15.97         41           479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086302         26.44         41           3086325         26.44         41           3086332         26.44         41           4032512         11.71         36           4042512         11.32         36           405320         34.32         35           4063220         34.32         35           4063220         37.79         37           4113220         37.79         37           413220         37.79         37           413220         37.79         37           4713211         10.33         41           4701121         10.33         41           4702412         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69 <td></td> <td></td> <td></td>			
479116         67.28         39           479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086332         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4715025         19.75         38           4715025         19.75			
479127         16.45         39           479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086332         26.44         41           408532         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4713220         9.69         38           4715020         7.16         38           4715025         19.75			
479129         19.51         39           479385         17.28         39           3085020         22.04         41           3085025         22.04         41           3085032         22.04         41           3086320         26.44         41           3086332         26.44         41           408250         24.00         36           4032512         11.71         36           4042520         34.32         35           4063220         34.32         35           406532         62.82         35           411320         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701121         10.33         41           4702112         15.97         41           4703412         9.55         41           4713220         9.69         38           4713225         7.16         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75<			
479385         17.28         39           3085020         22.04         41           3085025         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086332         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701121         10.33         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4715020         19.75         38           4715020         19.75         38           4715032         19			
3085020 22.04 41 3085025 22.04 41 3085025 22.04 41 3085032 22.04 41 3086320 26.44 41 3086325 26.44 41 3086332 26.44 41 4012520 24.00 36 4032512 11.71 36 4042512 11.32 36 4063220 34.32 35 4065032 62.82 35 4113220 37.79 37 4132534 50.74 40 4682515 9.69 38 4701121 10.33 41 4701121 10.33 41 4701141 16.38 41 4702112 15.97 41 4702112 15.97 41 4702112 15.97 41 4712520 7.16 38 4713220 9.69 38 4713225 9.69 38 4713225 9.69 38 4715025 19.75 38 4715025 19.75 38 4715025 19.75 38 4715032 19.75 38 4716320 29.50 38 4716325 29.50 38 4716325 29.50 38 4716322 29.50 38			
3085025         22.04         41           3085032         22.04         41           3086320         26.44         41           3086325         26.44         41           3086332         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701121         10.33         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4715032         19.75         38           4716325         2			
3085032 22.04 41 3086320 26.44 41 3086325 26.44 41 3086332 26.44 41 4012520 24.00 36 4032512 11.71 36 4042512 11.32 36 4063220 34.32 35 4065032 62.82 35 4113220 37.79 37 4132534 50.74 40 4682515 9.69 38 4701121 10.33 41 4701141 16.38 41 4702112 15.97 41 4703412 9.55 411 4703412 9.55 41 4712520 7.16 38 4713220 9.69 38 4713225 9.69 38 4715020 19.75 38 4715020 19.75 38 4715020 19.75 38 4715032 19.75 38 4716320 29.50 38 4716320 29.50 38 4716320 29.50 38 4716322 29.50 38 4716332 29.50 38			
3086325         26.44         41           3086332         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           41322534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701121         15.97         41           4702112         15.97         41           4702141         9.55         41           4712520         7.16         38           4713220         9.69         38           4713220         9.69         38           4715020         19.75         38           4715032         19.75         38           4715032         19.75         38           4716320         29.50         38           4716332         29.50         38           4716350         29.50         38	3085032		
3086332         26.44         41           4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701121         15.97         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713220         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716350         29.50         38           4716350         29.50         38	3086320	26.44	41
4012520         24.00         36           4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38	3086325	26.44	41
4032512         11.71         36           4042512         11.32         36           4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715032         19.75         38           4715032         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38		26.44	
4042512         11.32         36           4063220         34.32         35           4063220         34.32         35           4063220         37.79         37           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716350         29.50         38			36
4063220         34.32         35           4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701121         15.97         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715032         19.75         38           4715032         19.75         38           4716320         29.50         38           4716332         29.50         38           4716350         29.50         38			
4065032         62.82         35           4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4113220         37.79         37           4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715032         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4132534         50.74         40           4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715032         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4682515         9.69         38           4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716332         29.50         38           4716332         29.50         38           4716350         29.50         38			
4701121         10.33         41           4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4701141         16.38         41           4702112         15.97         41           4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4702112         15.97         41           4702412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4703412         9.55         41           4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4712520         7.16         38           4713220         9.69         38           4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4713220     9.69     38       4713225     9.69     38       4715020     19.75     38       4715025     19.75     38       4715032     19.75     38       4716320     29.50     38       4716325     29.50     38       4716332     29.50     38       4716350     29.50     38			
4713225         9.69         38           4715020         19.75         38           4715025         19.75         38           4715032         19.75         38           4716320         29.50         38           4716325         29.50         38           4716332         29.50         38           4716350         29.50         38			
4715020     19.75     38       4715025     19.75     38       4715032     19.75     38       4716320     29.50     38       4716325     29.50     38       4716332     29.50     38       4716332     29.50     38       4716350     29.50     38			
4715025     19.75     38       4715032     19.75     38       4716320     29.50     38       4716325     29.50     38       4716332     29.50     38       4716350     29.50     38			
4715032     19.75     38       4716320     29.50     38       4716325     29.50     38       4716332     29.50     38       4716350     29.50     38			
4716325     29.50     38       4716332     29.50     38       4716350     29.50     38			
4716332     29.50     38       4716350     29.50     38	4716320	29.50	38
4716350 29.50 38			
4/22038 6.5/ 40			
	4/22038	0.3/	40

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4783222	28.88	36
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4806325 4806332	29.50 29.50	38 38
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4842735	45.54	35
4851522	31.04	35
4852127	36.78	35
4852735 4882735	45.54 54.59	35 35
4882733 47011212	10.33	41
47011234	16.38	41
470112114	10.33	41
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25BLACKCAP	0.99	34
32BLACKCAP	1.05	34
40020S	12.39	35
40025S 40032S	15.02 32.56	35 35
40032S 40040S	32.56 45.30	35 35
400403 40050S	68.09	35
40063S	94.64	35
465C1	3.32	39
465C112	7.85	39
465C114	7.25	39
465C12	2.49	39
465C2	11.86	39
465C34 465D1	4.06	39
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465D114	6.58	39
465D12	2.42	39
465D34	3.01	39
466C1	4.50	39
466C112	7.85	39
466C114	6.80	39
466C12	2.03	39
466C2 466C34	11.86	39
466D1	3.95 3.29	39 39
466D112	7.85	39
466D114	6.37	39
466D12	2.42	39
466D2	11.86	39
466D34	4.01	39
466D38	3.20	39
467HG1	4.03	40
467HG112	10.19	40
467HG114 467HG12	8.76 2.72	40 40
467HG34	3.28	40
467NG1	4.62	40
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467NG12	2.72	40
467NG2	16.49	40
467NG34	3.79	40
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63BLACKCAP AFV110	2.62 173.67	34 7
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ARD150160	128.05	14, 46
ARG634	49.57	51
CDJ10M	26.45	49
CF250	26.06	32
CECE 10	2.42	19, 21
CFS510		
EX104	25.93	52
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Code	Price £	Page
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HCC80	10.04 8.94	49
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IC450RISER	391.12	23
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IC6UG6	36.33	24
ICDR1	163.83	48
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INS140-32-2DC	18.32	44
INS140-3225-2HSC	184.26	44
INS140IKC INS25FC-HTG	126.57 86.30	44 44
INS25FC-HTG	15.37	44
INS25MC-HTG	43.62	44
INS32FC-HTG	114.38	44
INS32FP-HTG	34.93	44
INS32MC-HTG	56.51	44
LD100100B	930.25	49
LD10025B LD10050B	261.94 523.86	49 49
LD80100B	527.98	49
LD8025B	148.68	49
LD8050B	297.40	49
LUBX1	43.06	32
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