

Product codes range: XDR

Polypipe Flexicon Drain Couplings are used for connecting and repairing non-pressure drainage pipes in areas where there is no requirement for resistance to earth loads. Flexicon Drain Couplings consist of a moulded EPDM sleeve which is attached to the pipe with stainless steel (304) torsion bands at either end, they are designed to join drainage pipes in any material up to 275mm outside diameter.

For applications where resistance to earth loads is required, Flexicon Shear Band Standard Couplings (XDR) should be used.



### Key Benefits

- Connecting plain ended pipes, including clay, PVCu and cast iron
- Repairing existing pipe sections
- Connecting short and cut lengths of pipe
- Lower cost solution where a shear band coupling is not required
- Quick and easy installation giving an air-tight and water-tight installation for efficient testing



BS EN 295-4

Product Specification	
Size range	50-275mm
Material	EPDM & 304 Stainless Steel
Pressure resistance	0.6 bar/8.7psi
Tightening torque	6Nm
Certification	BS EN 295-4, WIS 4-41-01, BS EN 681-1



### Installation Instructions

- Loosen the torsion bands and slide the coupling onto the first pipe, lubricant not required
- Mark the other pipe at the half a coupling width from the end to be jointed
- Insert the second pipe up to the mark
- Tighten the torsion bands to the correct torque as stated on the coupling
- Backfill under the pipe and tamp down prior to retightening the torsion bands

# Flexicon Drain Couplings

## Typical Connections

### XDR65 (50-65)

50mm PP WASTE (BS5254/BS EN 1451-1)  
50mm ABS WASTE (BS5255/BS EN 1455-1)  
50mm MuPVC WASTE (BS EN 1566-1)  
50mm CAST IRON (SMU/ENSGN/SML)  
50mm (2") CAST IRON SOIL (BS416/BS437)  
54mm COPPER

### XDR85 (70-85)

75mm CAST IRON (SMU/ENSGN)  
70mm CAST IRON (SML)  
76mm COPPER

### XDR95 (80-95)

82mm PVCu (BS4514)  
75mm CAST IRON (SOIL & DRAIN) (SMU)  
75mm DUCTILE IRON  
75mm GREY IRON

### XDR115 (100-115)

110mm PVCu UNDERGROUND DRAIN (BS EN 1401)  
100mm PVCu LANDCOIL  
100mm RIDGIDRAIN  
100mm CAST IRON (SMU/ENSGN/SML)  
100mm CAST IRON SOIL (BS416)

### XDR125 (110-125)

110mm PVCu UNDERGROUND DRAIN (BS EN 1401)  
125mm TERRAIN FUZE HDPE  
100mm SUPERSLEVE (see also XDR135)  
100mm CAST IRON (SMU/ENSGN/SML)  
100mm CAST IRON (BS416)  
100mm CAST IRON (BS437)  
100mm CAST (SPUN) IRON (BS1211)  
100mm DUCTILE IRON (BS598)  
100mm STAINLESS STEEL

### XDR135 (120-135)

125mm TERRAIN FUZE HDPE  
100mm SUPERSLEVE (see also XDR125)  
100mm HEPSEAL/HEPSEAL/DENSLEEVE/DENSEAL  
100mm (4") SALT GLAZED WARE  
100mm CAST (SPUN) IRON (BS1211)  
100mm PITCH FIBRE  
100mm ASBESTOS CEMENT

### XDR150 (135-150)

125mm PE/PP TWINWALL  
125mm CAST IRON (SMU/ENSGN/SML)  
125mm CAST (SPUN) IRON (BS1211)

### XDR165 (150-165)

160mm PVCu UNDERGROUND DRAIN (BS EN 1401)  
150mm POLYSEWER  
160mm PVCu LANDCOIL  
150mm QUANTUM  
150mm CAST IRON (SMU/ENSGN/SML)  
150mm STAINLESS STEEL

### XDR175 (160-175)

160mm PVCu UNDERGROUND DRAIN (BS EN 1401)  
150mm POLYSEWER  
150mm ULTRA-RIB  
150mm QUANTUM  
150mm PE/PP TWINWALL  
150mm CAST IRON (SMU/ENSGN/SML)  
150mm CAST IRON (BS416)  
150mm CAST IRON (BS437)  
150mm DUCTILE IRON (BS598)  
150mm GREY IRON  
150mm PITCH FIBRE  
150mm STAINLESS STEEL

### XDR200 (175-200)

200mm PVCu SEWERDRAIN (BS EN 1401)  
150mm RIDGIDRAIN  
200mm TERRAIN FUZE HDPE  
200mm PVCu LANDCOIL  
150mm PE/PP TWINWALL  
180mm ULTRA RIB  
150mm HEPSEAL/HEPSEAL/DENSLEEVE/DENSEAL  
150mm (6") SALT GLAZED WARE  
150mm CAST (SPUN) IRON (BS1211)  
150mm PITCH FIBRE  
200mm CONCRETE

### XDR215 (190-215)

200mm PVCu SEWERDRAIN (BS EN 1401)  
200mm TERRAIN FUZE HDPE  
200mm PVCu LANDCOIL  
180mm ULTRA RIB  
200mm CAST IRON (SMU/ENSGN/SML)  
200mm CAST IRON (BS416)  
200mm CAST (SPUN) IRON (BS1211)  
200mm ASBESTOS CEMENT  
200mm CONCRETE

### XDR225 (200-225)

200mm PVCu SEWERDRAIN (BS EN 1401)  
200mm TERRAIN FUZE HDPE  
200mm PVCu LANDCOIL  
180mm ULTRA RIB  
200mm CAST IRON (SMU/ENSGN/SML)  
200mm CAST IRON (BS416)  
200mm ASBESTOS CEMENT  
200mm CONCRETE

### XDR250 (225-250)

250mm PVCu SEWERDRAIN (BS EN 1401)  
225mm POLYSEWER  
250mm TERRAIN FUZE HDPE  
225mm ULTRA-RIB  
225mm QUANTUM  
200mm SUPERSLEVE  
200mm ASBESTOS CEMENT

### XDR275 (250-275)

250mm PVCu SEWERDRAIN (BS EN 1401)  
225mm POLYSEWER  
225mm RIDGIDRAIN  
250mm TERRAIN FUZE HDPE  
225mm ULTRA-RIB  
225mm QUANTUM  
225mm PE/PP TWINWALL  
225mm HEPSEAL/HEPSEAL/DENSLEEVE/DENSEAL  
225mm SUPERSLEVE  
250mm CAST IRON (SMU/ENSGN/SML)  
225mm CAST IRON (BS437)  
225mm CAST (SPUN) IRON (BS1211)  
225mm DUCTILE IRON (BS598)  
250mm DUCTILE IRON (BS598)  
250mm GREY IRON  
200mm ASBESTOS CEMENT  
250mm CAST IRON (SMU/ENSGN/SML)  
250mm DUCTILE IRON (BS598)  
250mm GREY IRON  
250mm ASBESTOS CEMENT  
225mm CONCRETE (O.D. to 290mm)