

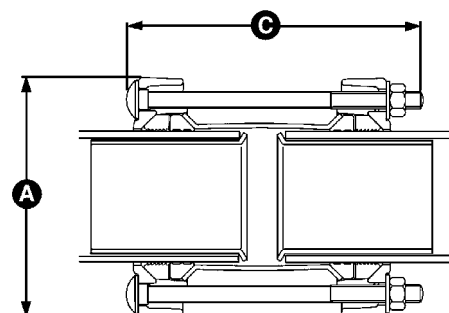
AquaGrip Couplings & Flange Adaptors up to 180mm

Specifications

AquaGrip couplings and flange adaptors up to 180mm are currently manufactured for SDR17 and SDR11 PE pipe. SDR26 is also available on AquaGrip couplings 125mm and 160mm.

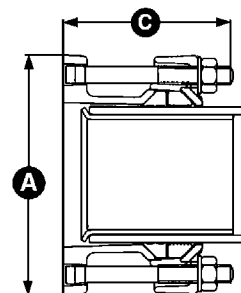
AquaGrip coupling assembly joins PE pipe to PE pipe

Pipe OD	Dimensions (mm)		No. of Bolts	Bolts size (mm)	Gasket Mould No.	Weight (kg)
	A	C				
63	144	208	2	M12x200	6001	2.4
90	167.5	208	4	M12x200	1785	3.8
110	188	208	4	M12x200	1786	5.4
125	203	208	4	M12x200	1787	5.8
160	240	223	8	M12x215	1788	9.0
180	257.5	223	8	M12x215	1789	9.8



AquaGrip flange adaptor assembly joins PE pipe to flanged equipment

Pipe OD	Dimensions (mm)		No. of T-Bolts	T-Bolt size (mm)	Flange specification nom (mm)	Gasket Mould No.	Weight (kg)
	A	C					
63	200	123	2	M12x115	50/80 PN10/16	6001	3.6
90	200	123	4	M12x115	80 PN10/16	1785	3.8
110	220	123	4	M12x115	100 PN10 & 16	1786	4.2
125	220	123	4	M12x115	100 PN10 & 16	1787	4.3
160	285	129	8	M12x115	150 PN10 & 16	1788	8.1
180	285	129	8	M12x115	150 PN10 & 16	1789	8.5



Materials & Relevant Standards

End rings/Flange adaptor body

SG iron to BS EN 1563:1997 Symbol EN-GJS-450-10.

Centre sleeve/Liners

Mild steel to BS EN 10025:2004 Grade S 275.

Bolts

To BS EN ISO 898-1:2009 Property Class 4.8.

Nuts

To BS 4190:2001 Grade 4.

Washers

Stainless steel - BS 1449: PT2: 1983 Grade 304 S 15

Gripper

Acetal copolymer Grade M90 or equivalent.

Gasket

EPDM compound 80 IRHD Grade 'E' to BS EN 681-1:1996 Type WA. Temperature range: -10°C to +40°C. Suitable for water and sewage applications. (Not suitable for fluctuating temperature, i.e. heating systems.) WRAS listed.

Coating

Flange adaptor body, centre sleeve and end rings are coated in Rilsan Nylon 11. Rilsan complies with WIS 4-52-01

Part 1. Bolts: Blue Sheraplex followed by dry film lubricant (Ilex).

Performance criteria

WRAS listed and designed to meet the Full Type 1 performance requirements of WIS 4-24-01.

Bolt torque required

Blue Sheraplex: 40-50lbf.ft (55-65Nm.)

Pressure rating

16 bar