

Adaptor

MATERIAL SPECIFICATION & STANDARDS

Flange Adaptors are designed and manufactured under quality management systems certificate to ISO9001:1994. Hydrostatic testing conform to standard of AWWA/ANSI C219.

End Rings

Ductile iron to BS EN1563-1997

Grade EN-GJS-450-10

Flange adapter body

Ductile iron to BS EN1563-1997

Grade EN-GJS-450-10

Bolts

To BS EN ISO 898:1:1999 Grade 4.8

Nuts

To BS 970: Part 1:S304 Stainless Steel

Flange Connecting Bolts for Adapters

Hexagon bolts, with Nuts and two washers

Bolts - to BS EN ISO898.1:1999 Grade 4.8

Nuts - to BS 4190:2002 Grade4

Gasket

EPDM to BS 681.1-1996

Coating

Flange Adaptor Body and End Ring are coated, which is certified for portable water.

Working Pressure: 1.6Mpa

Testing pressure: 2.4Mpa

Working Temperature:0°C to +100°C

Flange Adaptor caters for a total angular deflection of ±3 degrees.

Flange Drilled to BS4504 PN 16 and ANSI B16.2&B16.5 Class 150.



Pipe	Pipe Materials	OD Range	Flange	Connection Bolts Type
Nom		(mm)	Nos	
80mm	Ductile Iron, PVCu, Cast Iron, Steel, Cast Iron Met&Imp AC	88.1-102.4	8	M16×60
3"				
100mm	Ductile Iron, PVCu, Cast Iron, Steel, Cast Iron Met&Imp AC	109.6-127.8	8	M16×70
4"				
150mm	Ductile Iron, PVCu, Cast Iron, Steel, Cast Iron Met&Imp AC	158.2-181.6	8	M20×80
6"				

*Flange Adaptors can be supplied as a complete package including Flange Connection Bolts, Nuts, and Gasket.