

AFT Flange Adaptor

Universal fittings is an effective method to connect any rigid pipe material from 40mm to 300mm.

The Universal Adaptor allows plain ended pipe to be connected to a variety of flange specifications.

The range of products give a substantial reduction in customer stock holding due to the wide tolerance range, each fitting being suitable for a comprehensive range of pipe types and sizes.

- Available in a range from 40mm – 600mm (1 ½" to 24").
- Quick and efficient installation without disassembly or loose components
- Suits all common rigid pipe materials
- Universal tolerances that allow for less inventory and so reduce costs
- Prolonged life of fitting due to corrosion protective coating
- Working pressures: Water – up to 16 bar

Every fitting is supplied ready assembled, offering major savings in installation time.

All fittings are supplied ready assembled, allowing for efficient installation on site and all seals are lubricated prior to despatch to aid installation.

The moulded ribs on the seal are designed so that any minor imperfections in the pipe caused by corrosion, pitting or scoring are taken up.
corrosion protection

The epoxy coating offers excellent impact and abrasion resistance. The epoxy coating is applied internal and external and it's non toxic epoxy coating 200°C hot cycle, std. colours, according to Standards epoxy coating procedures - minimum thickness 250 micron - suitable for potable water.

This durable coating removes the need for further on site protection and gives the fitting and excellent life span.

The screws and nuts are fully hot deep galvanized and plastic end caps are fitted on the bolt threads for additional protection during transit.

Dimensions and illustrations: dimensions are given in millimetres and are approximate in all cases. Illustrations are actual representation of a certain size of each line of products but do not necessarily represent all notice due to the continuing programme of production improvements, the present catalogue has been edited by technical division of the **A.F.T. Advanced Flow Technology® srl** Legnano - Italy.

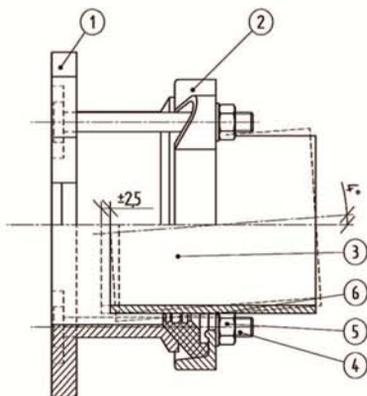
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AFT Flange Adaptor

Use:

flanged connection pipes of different material types or external diameters. Allows for axial movement and angular deflection.



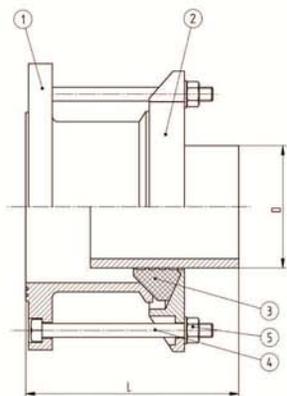
Materials:

- 1 - Flanged body: epoxy coating ductile iron
- 2 - Adapter: epoxy coating ductile iron
- 3 - Gasket: FPM or NBR rubber
- 4 - Screws: galvanized steel
- 5 - Nuts: galvanized steel
- 6 - Washers: galvanized steel

DN	Diameter [mm] D _{min} - D _{max}	Weight [kg]	No. of bolts	Length [mm]
40	48-60	3,00	2xM12	
50	59-72	3,30	2xM12	100
65	72-85	4,00	2xM12	100
80	88-103	4,90	4xM12	105
100	108-128	5,00	4xM12	105
125/150	132-146	7,00	4xM12	105
125/150	138-163	7,10	4xM12	105
150	159-182	7,60	4xM12	105
175/200	192-210	10,00	4xM12	105
200	218-235	13,00	4xM12	105
225	230-247			
250	250-267	14,00	4xM12	115
250	272-289	19,00	6xM12	115
300	315-332	19,00	6xM12	115
300	322-339	21,00	6xM12	115
300	332-349	17,00	6xM12	115
350	352-368	40,50	8xM16	120
350	374-391			
400	400-429	49,50	8xM16	120
400	418-435	51,00	8xM16	120
400	425-442	52,80	8xM16	120
450	476-493	61,60	10xM16	140
500	500-532	67,10	10xM16	140
500	527-544	68,20	10xM16	140
600	600-630			
600	630-647	84,70	10xM16	140

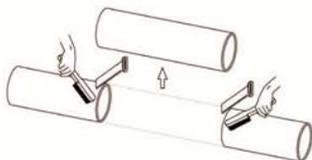
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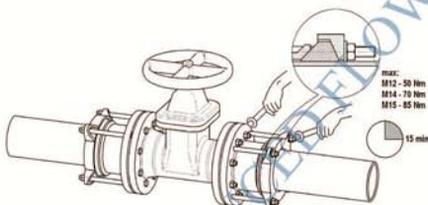


- 1 - Ductile iron body
- 2 - Ductile iron end ring
- 3 - Rubber seal gasket
- 4 - Hot deep galvanized bolt
- 5 - Hot deep galvanized nut
- 6 - Hot deep galvanized washers

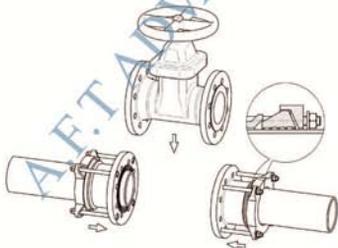
Installation Instructions



Before commence of installation check the outside diameter of pipe to ensure it is within the flange adaptor range. Pipe end must be prepared, all surfaces with which the gaskets come into contact must be smooth free from dirt and corrosion.



Move on each pipe end to fitting flange adaptor. For easy installation it may be necessary to unscrew nuts when assembling on larger pipe.



Made flange connection between flange adaptors and fitting. Be sure that pipe end in adaptor body is enough long and centered. Tighten the bolts in alternating sequence up to recommended value.

The end ring remain parallel to flange and flange adaptor is in equal distance from pipe circumference. After 15min recheck torque of bolts.