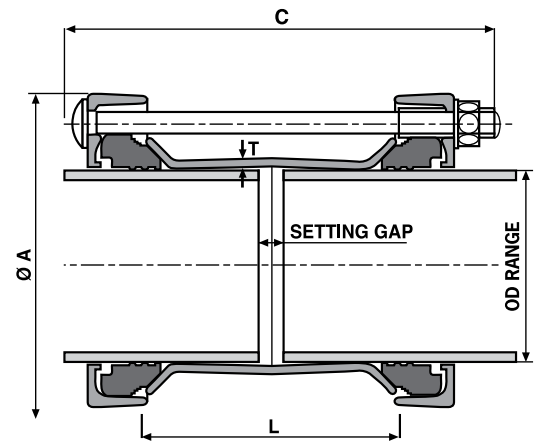


# MegaFit Couplings

## Specifications

Working Pressure = 16bar (water)  
6bar (gas)

A = End Ring Diameter  
C = Overall Length  
L = Sleeve Length  
T = Sleeve Thickness



## Couplings

DN	OD Range		Bolts No.-Dia x Length	A (mm)	C (mm)	Sleeve Length x Thickness L x T (mm)	Setting Gap		Gasket Mould No.	Weight (kg)
	Min (mm)	Max (mm)					Min (mm)	Max (mm)		
50	43.5	63.5	4-M12 x 235	151	242	144 x 5	18	60	6010	4.5
65	63.0	83.7	4-M12 x 235	171	242	144 x 5	18	60	6011	5.2
80	85.7	107.0	4-M12 x 260	192	267	170 x 5	18	100	6012	6.3
100	107.2	133.2	4-M16 x 290	231	300	180 x 5	18	110	6013	9.0
125	132.2	160.2	4-M16 x 290	265	300	180 x 5.5	18	110	6014	11.3
150	158.2	192.2	4-M16 x 340	308	350	213 x 5.5	18	130	6015	15.4
175	192.2	226.9	4-M16 x 340	344	350	215 x 7	18	130	6030	21.7
200	218.1	252.1	4-M16 x 340	369	350	220 x 8	18	135	6016	24.3
250	266.2	300.2	6-M16 x 420	417	430	300 x 8	18	215	6017	34.7
300	315.0	349.0	6-M16 x 420	466	430	300 x 8	18	215	6018	39.4

Bolt Torques	
	Nm
<b>M12</b>	55 - 65
<b>M16</b>	95 - 110

## Materials & Relevant Standards

### Centre Sleeve/End Rings\*

SG ductile iron BS EN 1563, EN GJS-450-10

### Flange Adaptor Body\*

SG ductile iron BS EN 1563, EN GJS-450-10

### Bolts/Nuts/Washers

**Bolts** - Steel to BS EN ISO 898 Property Class Grade 8.8 equivalent DIN 267 - Part 3:Class 8.8

**Nuts** - Steel to BS EN20898-2 Property Class 8.0

**Washers** - Stainless Steel to BS 1449:Pt2 grade 304 S15

### Coatings

Flange adaptor body, Part centre sleeve, end rings are coated in Rilsan Nylon 11 to WIS 4-52-01

As standard, all bolts and nuts are Sheraplex coated, which is a compound of zinc sheradising and low friction polymeric coating that meets WIS 4-52-03

### Gasket

EPDM compound Grade 'E' to BS EN 681-1 WRAS approved, or nitrile compound to DIN 3535-3

'E' temperature range: -40°C to +90°C. Suitable for water, sewage, many strong and oxidising chemicals, food applications

Nitrile temperature range: -20°C to +100°C. Suitable for natural gas, petroleum products, low aromatic fuels and compressed air (Not suitable for fluctuating temperature, e.g. heating systems)

### Approvals/Standards

All MegaFit products are designed and manufactured under quality management systems certified to BS EN ISO 9001, have been tested to the UK Water Regulations Advisory Scheme and conform to the American Water Works Association's standard AWWA/ANSI C.219 for bolted couplings

\* Materials of construction at the discretion of Viking Johnson. Viking Johnson reserves the right to modify the details in this publication as products and specifications are updated and improved.

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