



### EasiFit Encapsulation Collar

Nominal Diameter		OD Range (mm)		MD (mm)	MH (mm)	Internal Diameter (ID) mm	Internal Length (IL) mm	Overall Length (OL) mm	Bolts No. Dia x Length	Studs No. Dia x Length	Weight (Kg)
Inches	mm	Min	Max								
3"	80	87.9	101.6	347	376	233	258.6	686	12-M12 x 70	12-M12 x 140	37
4"	100	113	127	372	405	259	258.6	687	12-M12 x 70	12-M12 x 140	39
6"	150	163.9	180.6	451	482.5	335	296.7	750	12-M12 x 70	12-M12 x 140	60
8"	200	219	240.6	486.2	518	372.5	334.8	799	12-M12 x 70	12-M12 x 140	73

## Technical Information

### Working Pressure Rating

Water 16 bar.

### Vacuum Pressure

Capable of accommodating a vacuum pressure of -0.8 bar.

### Site Test Pressure

1.5 times working pressure for short duration (2 hours).

### Angularity

EasiFit fittings are able to accommodate total angular deflection between failed pipe joints of up to 8°.

### Bolt Torque/Spanner:

M12; Torque 80-100Nm on every bolt

Spanner size A/F 19mm

### Temperature Rating of Product

Operating temperature -20°C to +60°C

### End Load Due to Internal Pressure

EasiFit DOES NOT resist end load due to the internal pressure - adequate external restraint must be provided to prevent pipe pull out.

### Pressure release outlet

1/2" BSPT threaded

### Approvals

The following water contact materials used in EasiFit are approved for use with potable water:-

Rilsan Nylon 11:

► WRAS, DVGW, W270, ACS & KIWA

EPDM Gaskets:

► WRAS

Product:

BS8561, KIWA (Internally tested as per requirements)

## Materials & Relevant Standards

### Housing Shells

Ductile Iron to BS EN 1563 Symbol EN GJS-450-10

### End Rings

Ductile Iron to BS EN 1563 Symbol EN GJS-450-10

### Gaskets

EPDM compound Grade E to BS EN 681-1, Type WA, WC

### Coatings

Body:

► Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Bolts/Studs/Nuts/Washers:

► DeltaSeal to WIS 4-52-03

### Bolts

Stainless steel - BS EN ISO 3506-1 Grade A4-80

### Studs

Stainless steel - BS EN ISO 3506-1 Grade A4-80

### Nuts

Stainless steel - BS EN ISO 3506-2 Grade A4-80

### Washers

Stainless steel - BS1449:PT2 Grade 304 S15