

**Universal**

# MaxiFit

## Wide Tolerance Range

Mechanical Pipe Fitting Technology



- 50 – 150 mm (Couplers)
- 65 – 100 mm (Flange Adaptors)



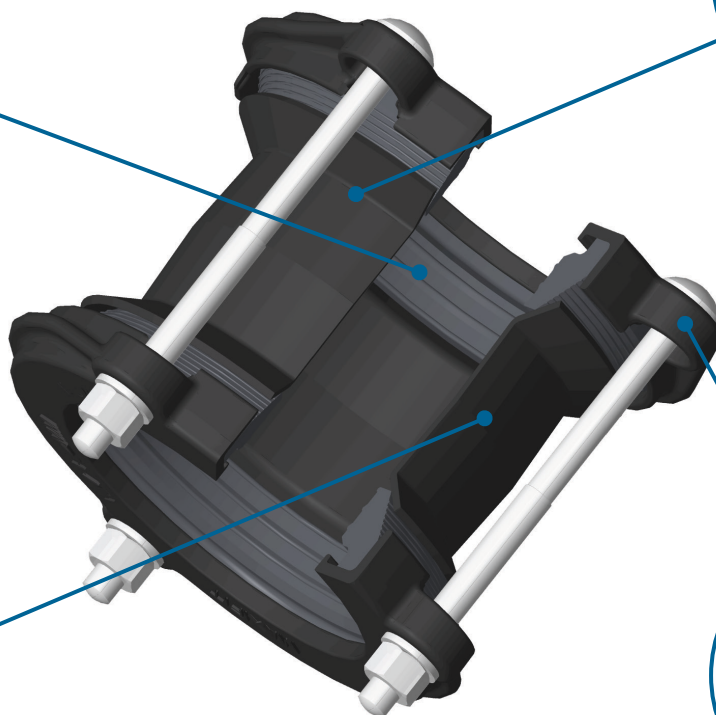
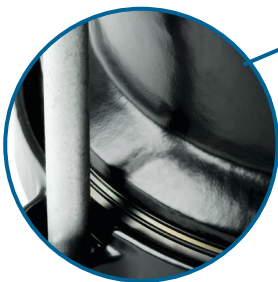
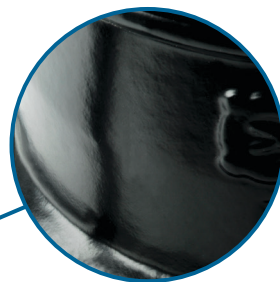
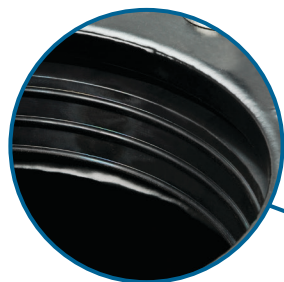
# Product Improvement Design Features

## Excellent Corrosion and Damage Resistance

Coated in black Rilsan Nylon 11 which has excellent resistance to impact, abrasion, weathering and chemicals. It also has good thermal stability and flexibility to accommodate for rough site handling.

## Optimised Gasket Design

A unique gasket with distinctive circumferential ribs provides a 'easy slide' fit for maximum sealing on scored, corroded or pitted pipe.



## Flexible Fit

Flared end sleeve forms a deep gasket chamber to give maximum possible pipe adjustment.

## Simple Installation

Unique 3 bolt system for quicker and easier installation, even in a narrow trench.

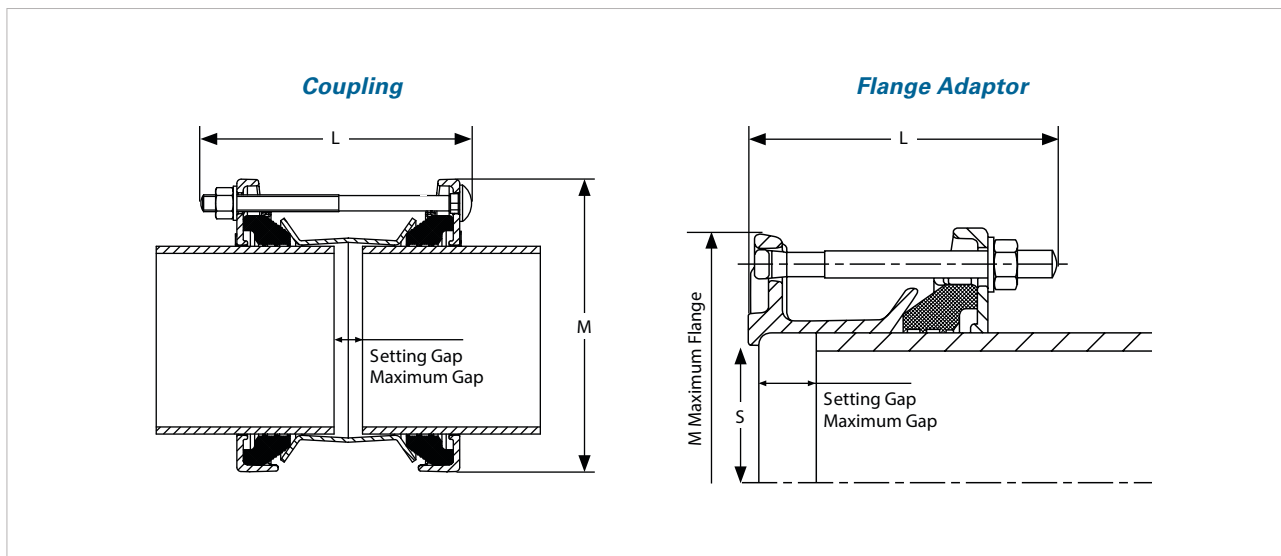
## Customer Benefits

- Three bolt design that allows quicker installation, available in sizes DN65, DN80 and DN100
- Better access to bolts especially when installing in narrow or harsh trench conditions
- Design life expectancy of 50 years, established by rigorous 'Accelerated Age Testing' which subjects product to working pressure at 80°C for 1000 hours
- Lighter product for easier handling, storage and shipping

- Wide tolerance permits lower stock holding
- All models accommodate angularity between pipes, allowing for normal pipeline movement caused by ground settlement\*

**Note:** \*Angularity – Couplings and reducing couplings: offer a maximum of 6° degrees total angular deflection. Flange Adaptors: offer a maximum of 3° degrees total angular deflection; these figures are calculated when using the product on maximum pipe outside diameters. Larger degrees of angular deflection are achievable when product is fitted on smaller pipe outside diameters.

# Specifications



**TABLE 1** MaxiFit Plus Couplings and End Caps

Nominal Size (mm)	Size Range (mm)		Diameter (mm) M	Overall Length (mm) L	Sleeve	Setting Gap (mm)		Bolts No-Dia X Length	Weight (Kg)	MaxiCap Available
	Min	Max				Min	Max			
DN50	57	74	154.5	190	Steel	20	40	4-M12x180	2.7	Yes
DN65	63	85	173.5	190	Steel	20	40	3-M12x180	3.2	Yes
DN80	85	107	195.5	190	Steel	20	40	3-M12x180	3.7	Yes
DN100	107	132	224.5	190	Steel	20	40	3-M12x180	4.5	Yes
DN125	132	158	254.5	190	Steel	20	40	4-M12x180	5.2	Yes
DN150	158	184	280.5	190	Steel	20	40	4-M12x180	6	Yes

**TABLE 2** MaxiFit Plus Flange Adaptors

Nominal Size (mm)	Size Range (mm)		Diameter (mm) M	Bore (mm) S	Overall Length (mm)	Setting Gap (mm)		Bolts No-Dia X Length	Weight (Kg)
	Min	Max				Min	Max		
DN65	63	85	196.9	75	124	20	40	3-M12x115	3.6
DN80	85	107	202.5	101	124	20	40	3-M12x115	3.8
DN100	107	132	228	121	134	20	40	3-M12x125	4.7

## Materials and Relevant Standards

### End Ring and Adaptor Body

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

### Centre Sleeve

Sleeve material is rolled Steel to BS EN10025-2 grade S275

### Gasket

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

Nitrile compound to Grade G BS EN 682, Type G\*

\*Optional

\*Specifications subject to change

### Tee Bolts/Bolts

Steel to BS EN ISO 898-1 Property Class 4.8

### Bolt Torque/Spanner

Bolt torque 55-65Nm, Spanner size A/F 19 mm

### Nuts

Steel to BS EN 4190 Grade 4

### Washers

Stainless Steel to BS 1449:Part 2 Grade 304S15 Standard

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**Disclaimer:** While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.

