



FLEXIBLE

LONG COLLAR MECHANICAL COUPLING (PE)

FOR PVC-O, PVC-M & *PE PIPES

STEPPED COUPLING (PD)

FOR PVC-O/PVC-M/*PE TO MS/UPVC PIPES

Stepped Coupling (PD)



Long Collar Mechanical Coupling (PE)

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STEPPED COUPLING (PD) FOR PVC-O/PVC-M/*PE to MS/UPVC

In Brief

- ▶ Straight & Stepped Couplings for Joining Plain Ended Pipes
- ▶ Flexible Jointing Solution for Quick & Easy Installation
- ▶ Suitable for Potable Water, Neutral Liquids & Sewage
- ▶ Working Pressure : PN16
- ▶ Coating : Fusion Bonded Epoxy
- ▶ Sealing : EPDM

Standards

- ▶ Test : EN 12266-1
- ▶ For PVC-O Pipe : ISO 16422
- ▶ For PVC-M Pipe (≥ DN150) : AS/NZS 4765, S1
- ▶ For PE Pipe : EN 12201 / MS 1058 / AS 1159
- ▶ For UPVC Pipe : MS 628 / BS 6920
- ▶ For MS Pipe : BS 534 / AS 1579/ SPAN TS 21827

Features

- | | |
|---|--|
| ▶ Range of Coupling Sizes : OD63 to OD400 | : DN80 to DN300 |
| ▶ Pipe Material with Similar OD | ▶ Pipe Materials with Different OD |
| ▶ Long Collar for Preventing Pipe Pull-Out Due to Internal Pressure in Pipe | ▶ For System Transition on Connecting Different Pipe Materials |
- ▶ Wedge Gasket Type Allow OD Tolerance (+1-3mm) for Water Sealing

**Good Installation Practice may be Required for PE Pipe Installation*

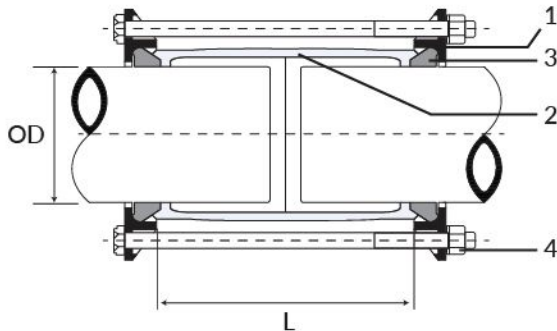


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 Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers

LONG COLLAR MECHANICAL COUPLING (PE) FOR PVC-O, PVC-M & *PE PIPES STEPPED COUPLING (PD) FOR PVC-O/PVC-M/*PE TO MS/UPVC PIPES

Technical Table

Long Collar Mechanical Coupling (PE) For PVC-O, PVC-M & *PE Pipes



Assembly Chart

No.	Component	Material	Standard Ref.
1	Gland Flange	Ductile Iron	BS EN 1563
2	Sleeve/Collar	Carbon Steel	EN 10025
3	Gasket	EPDM	BS EN 681
4	Bolt & Nut	Hot Dipped Galvanized	BS EN 4190

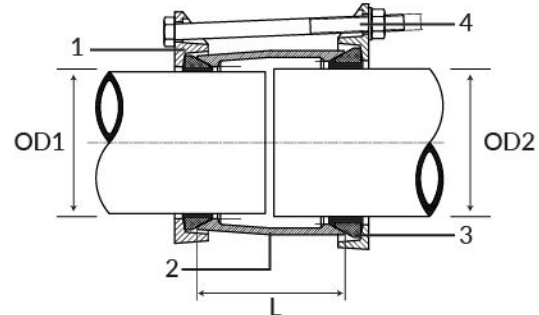
Specifications & Parameters Chart

DN (mm)	OD (mm)	L (mm)	Bolts
50	63	300	M12x3
80	90	300	M12x3
100	110	300	M12x3
100	125	300	M12x4
150	160	300	M12x4
150	180	300	M12x4
200	200	300	M12x4
200	225	300	M12x4
250	250	300	M12x6
250	280	300	M12x6
300	315	300	M12x6
350	355	300	M14x8
400	400	300	M14x8



Standard Body Length
of 300mm

Stepped Coupling (PD) for PVC-O/PVC-M/*PE to MS/UPVC Pipes



Assembly Chart

No.	Component	Material	Standard Ref.
1	Gland Flange	Ductile Iron	BS EN 1563
2	Sleeve/Collar	Ductile Iron	BS EN 1563
3	Gasket	EPDM	BS EN 681
4	Bolt & Nut	Hot Dipped Galvanized	BS EN 4190

Specifications & Parameters Chart

DN (mm)	OD1 (mm)	OD2 (mm)	L (mm)	Bolts
80	90	88.9	100	M12x4
100	110	114.3	110	M12x4
100	125	114.3	110	M12x4
150	160	168.3	130	M12x4
150	180	168.3	130	M12x4
200	200	219.1	150	M16x4
200	225	219.1	150	M16x4
250	250	273.0	165	M16x4
250	280	273.0	165	M16x4
300	315	323.9	170	M16x5



Note: *Good Installation Practice may be Required for PE Pipe Jointing, Contact LYE for Further Advise

Note: Technical data provided in this brochure is indicative only and may be subject to change without prior notice.