



POLY RESTRAINT

COUPLING & FLANGE ADAPTOR

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



Poly Restraint Coupling



Poly Restraint Flange Adaptor

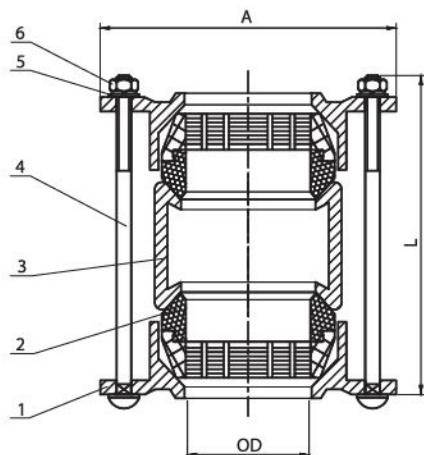
Product	Poly Restraint Coupling	Poly Restraint Flange Adaptor
In Brief	▶ For Connecting PE Pipe and Other Plastic Material Pipes ▶ Maximum Temperature -10°C to 70°C ▶ Working Pressure PN 10/16 ▶ Suitable for Potable Water, Neutral Liquids and Sewage ▶ Coating: Fusion Bonded Epoxy ▶ Seal : EPDM	
Standards	▶ Design : EN12842 ▶ Test : EN12266-1 ▶ For PE Pipe : EN 12201 / MS 1058 / AS 1159 ▶ For PVC-O Pipe : ISO 16422 ▶ *For PVCM Pipe (≥DN150) : AS / NZS 4765, S1	
		▶ Flange : EN1092-2
Features	▶ Range of Joint Sizes : OD63 to OD315 ▶ End-load Resistant Mechanism ▶ Sealing Ring Enable Pipe Sealing and Gripping ▶ Angular Deflection ±3°	

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Technical Table

Poly Restraint Coupling



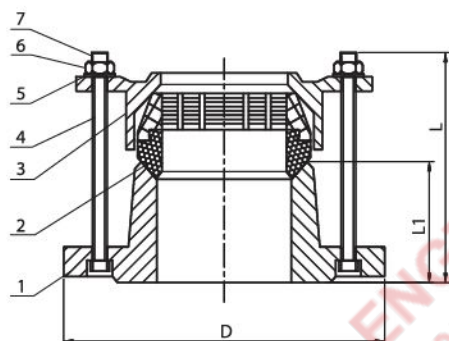
Assembly Chart

No.	Component	Material	Standard Ref.
1	Gland	Ductile Iron	BS EN1563
2	Sealing Ring + Grip	EPDM + Brass	BS EN681 + EN1982
3	Center Sleeve	Ductile Iron	BS EN1563
4	Bolt	Hot Dipped Galvanised	GB30
5	Washer	Hot Dipped Galvanised	GB30
6	Nut	Hot Dipped Galvanised	GB30

Specifications & Parameters Chart

DN (mm)	OD (mm)	A (mm)	L (mm)	Bolts
50	63	165	180	M12x4
80	90	193	180	M12x4
100	110	214	180	M12x4
100	125	240	200	M12x4
150	160	272	200	M12x4
150	180	285	220	M12x4
200	200	314	220	M12x4
200	225	332	250	M16x4
250	250	365	250	M16x6
250	280	380	250	M16x6
300	315	431	300	M16x6

Poly Restraint Flange Adaptor



Assembly Chart

No.	Component	Material	Standard Ref.
1	Body	Ductile Iron	EN1563
2	Sealing Ring + Grip	EPDM + BRASS	EN681 + EN1982
3	Gland	Ductile Iron	EN1563
4	Bolt	Hot Dipped Galvanised	GB30
5	Washer	Hot Dipped Galvanised	GB30
6	Nut	Hot Dipped Galvanised	GB30
7	Cap	Plastic	-

Specifications & Parameters Chart

DN (mm)	OD (mm)	D (mm)	L1 (mm)	L (mm)	Bolt	Flange Standard
50	63	165	63	110	M12x4	PN16
80	90	200	67	110	M12x4	PN16
100	110	220	67	110	M12x4	PN16
100	125	220	67	120	M12x4	PN16
150	160	285	65	120	M12x4	PN16
150	180	285	78	135	M12x4	PN16
200	200	340	77	135	M12x4	PN16
200	225	340	89	150	M16x4	PN16
250	250	400	89	150	M16x6	PN16
250	280	400	88	150	M16x6	PN16
300	315	455	90	150	M16x6	PN16

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