



Alpine Flow Control UK

Universal coupling PN10/PN16

Universal coupling standard: comply with EN545

Coating standard: EN30677

Test standard: EN12266-1

Working pressure and Temperature

size DN40 to DN600, Working pressure PN10/PN16

Temperature from -10°C to 120°C for EPDM gasket

Temperature from -10°C to 82°C for NBR gasket

Connection for pipes in material ductile iron, steel, PVC, AC etc which pipe OD is in our range

Angular deflection $\pm 6^\circ$

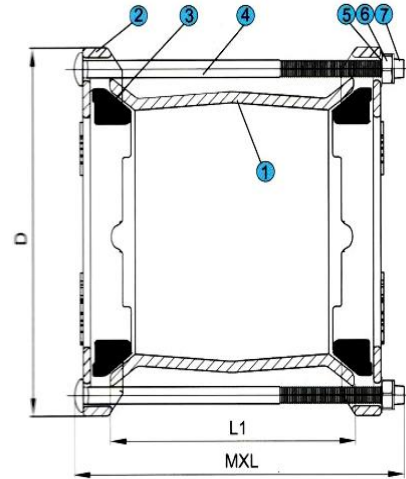
suitable for potable water, neutral liquids and sewage

WRAS approved is available upon request



Material specification

Sr.No.	Name	Material
1	Center Sleeve	Carbon steel
2	End ring	Ductile Iron
3	Gasket	EPDM/NBR
4	Bolt	grade 4.8 dacromet coated carbon steel
5	Washer	grade 4.8 dacromet coated carbon steel
6	Nut	grade 4.8 dacromet coated carbon steel
7	Bolt cap	Plastic



Options: Grade 4.8/6.8/8.8 carbon steel bolts with galvanization/dacromet/teflon etc

Stainless steel SS304/SS316/SS316L/A2/A4 etc bolts

FBE coating and Nylon 11 coating is available

SIZE	pipe OD(mm)	D	L1		Bolt NO.-MXL		Weight(kg)	
			S	L	S	L	S	L
DN40	48-60	155	95	190	2-M12X170	2-M12X260	2.3	2.8
DN50	59-72	165	95	190	2-M12X170	2-M12X260	2.4	2.8
DN65	72-85	180	95	190	2-M12X170	2-M12X260	2.7	3.2
DN80	88-103	185	95	190	4-M12X180	4-M12X280	3.7	4.5
DN100	109-128	225	95	190	4-M12X180	4-M12X280	4.3	5.2
DN125	132-153	250	95	190	4-M12X180	4-M12X280	5.8	7
DN150	156-182	275	110	190	4-M12X210	4-M12X280	6.4	7.5
DN175	190-210	305	130	190	4-M12X220	4-M12X280	7.7	8.7
DN200	218-235	315	130	190	4-M12X220	4-M12X280	9.4	10.8
DN225	242-267	350	130	245	4-M12X220	4-M12X350	12.3	15.4
DN250	272-289	395	130	245	6-M12X220	6-M12X350	13.3	16.8
DN300	315-332	450	130	245	6-M12X220	6-M12X350	16.2	20.2
DN300	322-339	460	130	245	6-M12X220	6-M12X350	16.3	20.3
DN350	351-378	510	130	245	8-M14X235	8-M14X350	23.7	28.3
DN350	374-391	520	130	245	8-M14X235	8-M14X350	27.3	34.6
DN400	398-429	550	130	245	8-M14X235	8-M14X350	28.8	37.2
DN400	425-442	565	130	245	8-M14X235	8-M14X350	29.1	37.1
DN450	476-493	615	130	245	10-M14X235	10-M14X350	33.1	42.2
DN500	500-516	623	130	245	10-M14X240	10-M14X355	36.5	45
DN500	527-544	665	130	245	10-M14X235	10-M14X350	39.3	49.4
DN600	630-650	770	130	245	10-M14X235	10-M14X350	47.6	60

Please note dimension may vary at our discretion