



Alpine Flow Control UK

Restrained coupling for HDPE pipe PN10/PN16

restrained coupling standard: comply with EN545

Coating standard: EN30677

Test standard: EN12266-1

Working pressure and Temperature

size DN50 to DN300, Working pressure PN10/PN16

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

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

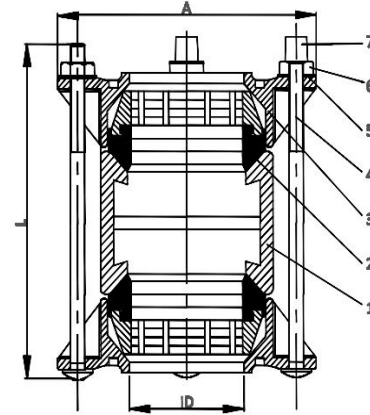


Connection for HDPE pipe

suitable for potable water, neutral liquids and sewage WRAS approved is available upon request

Material specification

| Sr.No. | Name | Material |
|--------|---------------|--|
| 1 | Center Sleeve | Ductile Iron |
| 2 | Sealing ring | EPDM+Brass |
| 3 | End ring | Ductile Iron |
| 4 | Bolts | 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

| DN | pipe OD(mm) | ID | A | L | Bolts No. |
|----------|-------------|-------|-----|-----|-----------|
| 50 | 50 | 53.5 | 140 | 180 | M12x2 |
| 50/60/65 | 63 | 67 | 153 | 180 | M12x2 |
| 60/65 | 75 | 79 | 166 | 180 | M12x2 |
| 80 | 90 | 94 | 193 | 180 | M12x4 |
| 100 | 110 | 114 | 215 | 180 | M12x4 |
| 125 | 125 | 129 | 229 | 180 | M12x4 |
| 150 | 160 | 164.5 | 265 | 180 | M12x4 |
| 150 | 180 | 184.5 | 275 | 180 | M12x4 |
| 200 | 200 | 205 | 306 | 210 | M12x4 |
| 200 | 225 | 230 | 320 | 210 | M12x4 |
| 250 | 250 | 255 | 357 | 210 | M12x6 |
| 250 | 280 | 285 | 380 | 210 | M12x6 |
| 300 | 315 | 320 | 422 | 230 | M12x6 |

Please note dimension may vary at our discretion