



AVK SUPA PLUS™ COUPLING

621/61

Tensile, for PE and PVC pipes, NF approved EPDM sealing

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AVK Supa Plus™ is a range of tensile couplings, flange adaptors and end caps dedicated for PE and uPVC pipes. Supa Plus™ couplings offer a great flexibility and are very easy to mount due to the combined compression gasket which enables $\pm 3.5^\circ$ angular deflection and makes it easy to insert the pipe ends even in the large dimensions. The external M16 bolts of anti-friction coated stainless steel and the high quality coating offer a durable corrosion protection.

Product Description:

Supa Plus™ coupling for drinking water and neutral liquids to max. 70°C

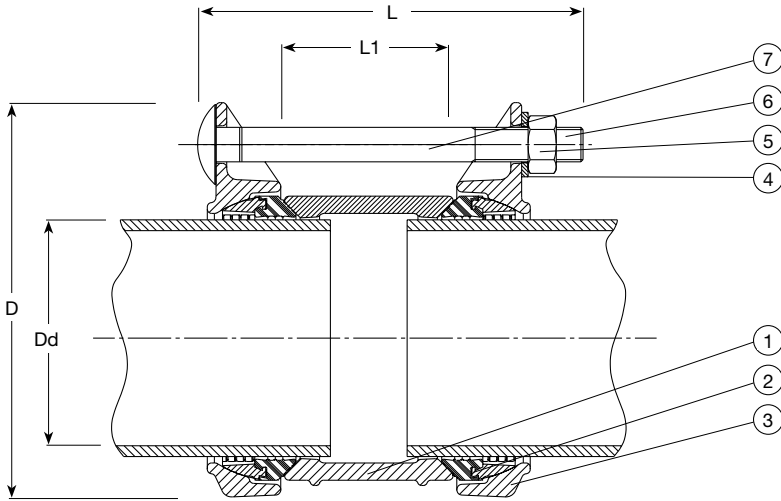
Standards:

- Designed according to EN 12842

Features:

- The combined gasket of drinking water approved EPDM rubber with tensile grip segments of RG5 bronze enables $\pm 3.5^\circ$ angular deflection
- The design with external bolts prevents corrosion between sleeve and bolts
- The M16 bolts of stainless steel A2 and the nuts of acid-resistant stainless steel A4 are anti-friction coated to offer easy tightening and to prevent galling
- The bolt ends are protected with plastic caps
- The compression type gasket makes it easy to insert the pipe end, even in large dimensions
- Sleeve and bracket of ductile iron with epoxy coating according to DIN 30677-2 and AVK guidelines





Component List:

| | | | |
|---------------------|-----------------------------------|--------------------|------------------------------------|
| 1. Sleeve | Ductile iron GJS-400-12 (GGG-40) | 2. Combined gasket | NF approved EPDM rubber/RG5 bronze |
| 3. Bracket | Ductile iron GJS-400-12 (GGG-40) | 4. Washer | Stainless steel A2 |
| 5. Nut | Acid resistant stainless steel A4 | 6. Cap | Plastic |
| 7. Square neck bolt | Stainless steel A2 | | |

Components may be substituted with equivalent or higher class materials without prior notification.

Reference Nos. and Dimensions:

| AVK ref. nos | DN mm | Dd mm | D mm | L mm | L1 mm | Theoretical weight kg |
|------------------|----------|----------|---------|---------|----------|--------------------------|
| 621-10-040-61001 | 32 | 40 | 150 | 150 | 60 | 2.5 |
| 621-10-050-61001 | 40 | 50 | 156 | 150 | 60 | 2.8 |
| 621-10-063-61001 | 50 | 63 | 170 | 150 | 60 | 3.5 |
| 621-10-075-61001 | 65 | 75 | 180 | 160 | 70 | 5.7 |
| 621-10-090-61001 | 80 | 90 | 200 | 160 | 70 | 4.7 |
| 621-10-110-61001 | 100 | 110 | 220 | 168 | 78 | 6.5 |
| 621-10-125-61001 | 125 | 125 | 240 | 172 | 78 | 8.0 |
| 621-10-140-61001 | 140 | 140 | 254 | 182 | 88 | 11 |
| 621-10-160-61001 | 150 | 160 | 276 | 182 | 88 | 9.8 |
| 621-10-180-61001 | 180 | 180 | 286 | 204 | 110 | 9.8 |
| 621-10-200-61001 | 200 | 200 | 318 | 204 | 110 | 14 |
| 621-10-225-61001 | 225 | 225 | 342 | 234 | 110 | 20 |
| 621-10-250-61001 | 250 | 250 | 374 | 262 | 110 | 27 |
| 621-10-280-61001 | 280 | 280 | 390 | 262 | 110 | 30 |
| 621-10-315-61001 | 315 | 315 | 440 | 320 | 168 | 45 |