



AVK SUPA MAXI™ TRANSITION COUPLING, PE100/PN10

635/00

Universal and tensile, A4 bolts, EPDM sealing, SDR 17

AVK's Supa Maxi™ range of universal tensile couplings sets a new standard. The patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket and full tensile strength on all pipe types up to PN16. Supa Maxi™ couplings are very easy to mount with the possibility of $\pm 4^\circ$ angular deflection, the permanent protection caps, the lifting eye and the fact that they are tightened from the sleeve side with no need for re-tightening the bolts.

Description:

Supa Maxi™ transition coupling - universal and tensile - PE100 / PN10 for water and neutral liquids to max. 40°C

Standards:

- Designed according to EN 14525

Tests/Approvals:

- Approved according to KIWA Certificate K 66561/01
- Approved according to SVGW Certificate No. 1205-6041

Features:

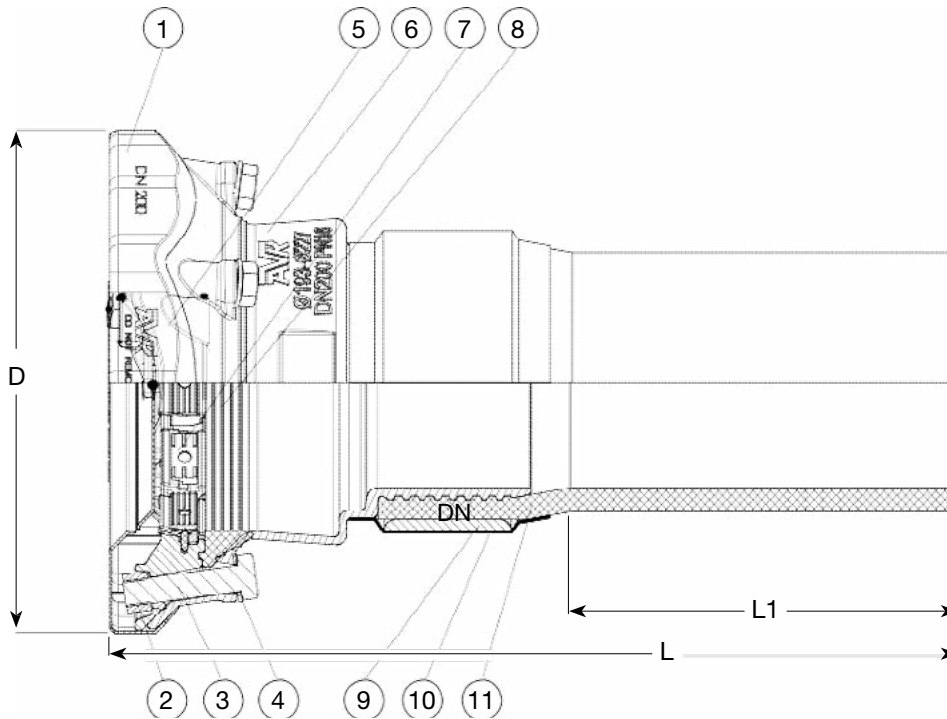
- Patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket even at minimum pipe size
- Full tensile strength on all pipes is ensured by two different metal grip segments - every other of gunmetal for PE/PVC and of hardened Stainless Steel for Cast Iron/Ductile Iron/Steel/Stainless Steel/GRP/asbestos cement pipes. For PE-pipes a support bush is to be used
- Metal grip segments are mounted with pins for maximum durability
- $\pm 4^\circ$ angular deflection at max. 1.5 x PN10
- Large tolerance ranges
- All DN's are for PN10
- Ductile Iron body and bracket of Cast Steel, epoxy coated according to DIN 30677-2 and GSK approved
- Gasket of drinking water approved EPDM rubber
- Bolts and nuts of acid-resistant Stainless Steel A4 are anti-friction coated to prevent galling
- Permanent protection cap protects the coupling during handling and installation
- The pipe will not move inwards when tightening
- Bolts are tightened from the sleeve side for full access when space is limited
- Re-tightening of bolts is not necessary
- Lifting eye in DN100-300
- A standard DVGW approved PE-pipe is pressed onto the grooved end, locked with a steel ring and sealed with a plastic shrink hose. The PE-pipe end enables direct welding into PE-pipes by using socket fusion or butt welding. The assembly is as minimum as strong as the PE-pipe itself.
- Design pressure 29 bar according to EN 14525. Working pressure max. 10 bar. Max. test pressure according to pipe standard



kiwa



Expect... **AVR**



DN	
50	3 x M14 x 75mm
65	3 x M16 x 75mm
80	3 x M16 x 75mm
100	4 x M16 x 75mm
125	4 x M16 x 75mm
150	4 x M16 x 90mm
200	6 x M20 x 100mm
225	6 x M20 x 100mm
250	6 x M20 x 100mm
300	6 x M20 x 100mm

Component list

1. Protection cap	Recyclable PE	7. Grip segment	Gunmetal RG5 and Stainless Steel
2. Nut	Acid resistant Stainless Steel A4	8. Gasket	DVGW/NF approved EPDM rubber
3. Bolt	Acid resistant Stainless Steel A4	9. Ring	Stainless Steel 52
4. Washer	Acid resistant Stainless Steel A4	10. Shrink hose	Plastic
5. Bracket	Cast Steel	11. Pipe	PE
6. Sleeve	Ductile Iron GJS-450 (GGG-45)		

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN/Ø mm	T mm	Product PN class	D mm	L mm	L1 mm	Theoretic weight kg
635-071-00-2663	50-63	48-71	PN10	200	540	300	4.5
635-090-00-2663	65-75	69-91	PN10	226	532	250	5.6
635-105-00-2663	80-90	82-106	PN10	235	533	250	7.5
635-106-00-2663	80-110	82-106	PN10	235	543	255	6.0
635-133-00-2663	100-110	104-133	PN10	268	547	250	10
635-161-00-2663	125-160	132-161	PN10	285	625	325	16
635-188-00-2663	150-160	159-188	PN10	340	644	325	18
635-227-00-2663	200-200	193-227	PN10	389	648	255	27
635-257-00-2660	225-250	224-257	PN10	437	788	340	49
635-301-00-2663	250-250	266-301	PN10	476	784	340	49
635-356-00-2663	300-315	314-356	PN10	545	784	355	64