

SUPA PLUS™ FLANGE ADAPTOR

623/10

Flange adaptor with tensile resistant sealing ring for PE- pipe
For Polyethylene pipes PE 100, PN 16 - SDR11 to AS/NZ 4130
Flanges to AS4087 Fig B5; AS 2129 Tables D and E

Use:

For water, sewage and neutral liquids.
Total angular deflection of ± 3.5 degrees.
For use in cold water applications.

Approvals:

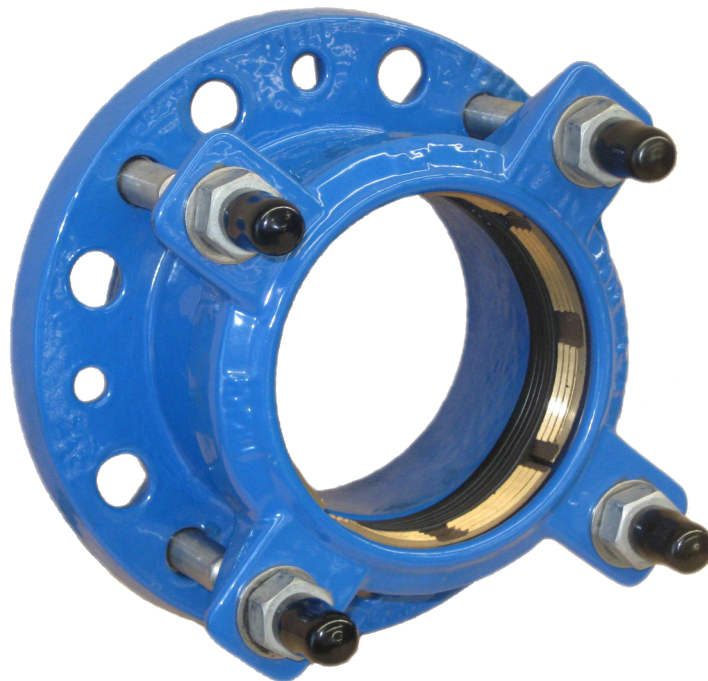
Coating to AS 4020
EPDM to WRAS



AVK always recommend the Series 05 support bush be utilised when using Polyethylene pipe systems and AVK tensile resistant sealing ring (Supa Plus™) fittings and valves.

Materials:

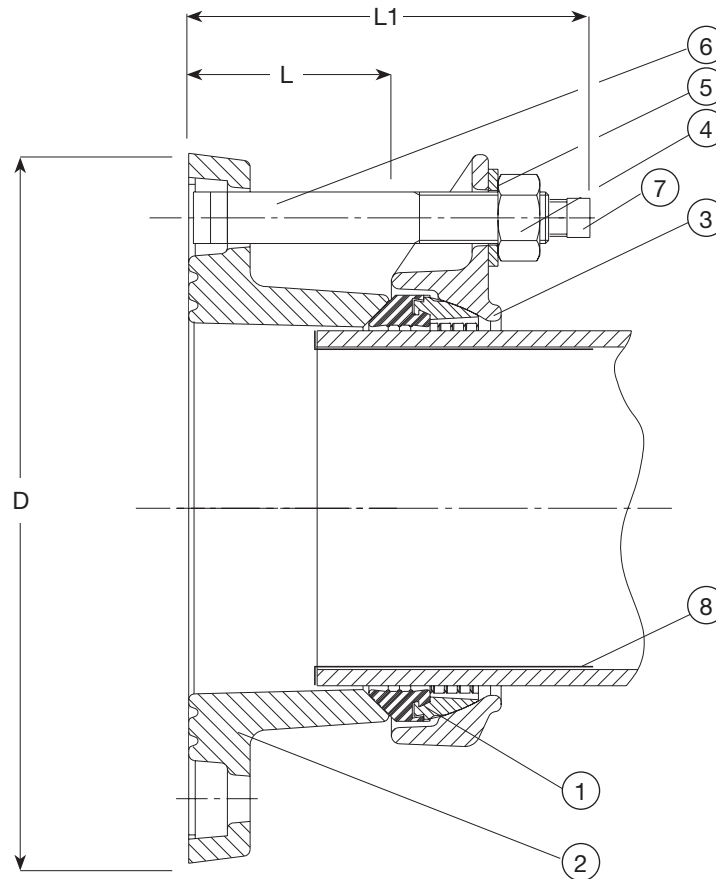
Flange/ Gland ring	Ductile iron, AS 1831 Gr. 400-12 min.
Coating	Fusion bonded epoxy to AS 4158
Tensile sealing ring	Gun metal, DIN 17005 RG5 / EPDM rubber
Nut	Stainless steel (AISI 316), A4 grade 70 PTFE coated
Rectangular bolt and washer	Stainless steel, A2 grade 70
Cap	Plastic



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Component list

- | | |
|-------------------------|---------------------|
| 1. Tensile sealing ring | 5. Washer |
| 2. Adaptor flange | 6. Rectangular bolt |
| 3. Bracket | 7. Cap |
| 4. Hex. nut | 8. Support bush |



Ref. nos. PN 10/16	DN Flange	OD PE	Bolts	L mm	Theoretic Weight kilos	Flange Drilling **	D mm	L1 mm
623-10-090-054112	80	90	2 M16	62	4.7	4 & 5	175	125
623-10-110-054112	100	110	4 M16	63	6.6	4 & 5	215	125
623-10-125-024112	100	125	4 M16	63	6.8	2	240	125
623-10-125-054112	125	125	4 M16	63	6.8	4 & 5	250	125
623-10-140-054112	125	140	4 M16	63	6.9	4 & 5	250	125
623-10-160-054112	150	160	4 M16	63	8.3	4 & 5	280	125
623-10-180-054112	150	180	4 M16	63	10.0	4 & 5	280	160
623-10-200-054112	200	200	8 M16	64	14.1	4 & 5	340	125
623-10-225-054112	200	225	8 M16	64	15.1	4 & 5	405	160
623-10-250-054112	250	250	6 M16	88	24.5	4	405	175
623-10-250-064112	250	250	6 M16	88	24.5	5	405	175
623-10-280-054112	250	280	6 M16	88	25.0	4	405	175
623-10-280-064112	250	280	6 M16	88	25.0	5	405	175
623-10-315-054112	300	315	6 M16	88	28.6	4 & 5	460	175

** Flange drilling: 2 = AS 4087 Fig. B5, AS 2129 Table D, AS 2129 Table E - for combination DN100 flange 125mm PE pipe
 4 = AS 4087 Fig. B5, AS 2129 Table D
 5 = AS 2129 Table E

SUPPORT BUSH	
PE 100, PN 16 - SDR 11	
Ref. nos.	
05-090-54001	
05-110-74001	
05-125-74001	
05-125-74001	
05-140-74001	
05-160-74001	
05-180-74001	
05-200-74001	
05-225-74001	
05-250-74001	
05-250-74001	
05-280-74001	
05-280-74001	
05-315-74001	