



## Type SA-Jumbo (flange connection)

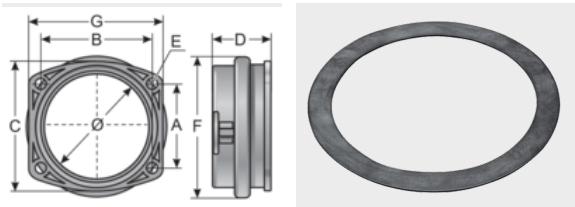


### Product information

The SA-Jumbo flange connections are made of specially modified polyamide. The material is halogen, phosphor and cadmium-free.  
The SA-Jumbo flange connections feature the following advantages:

- Split ring makes assembly easy
- Tightness of IP 52 without DS seal
- Tightness of IP 65 with DS seal (DS seal must be ordered separately if required)
- Dimensionally stable connection ring ensures high tear-out strength
- Safety clips ensure protection against connection ring opening by itself
- O-ring for fastening flange included in delivery

### Information, conformities and approvals



Article	Order No.	Color	UV	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Ø mm	PU pcs.
SA 56	83681020	Black	✓	60	66	85	50	6.5	94	86	60	1
SA 70	83681014	Black	✓	60	80	94	52	7.5	106	96	70	1
SA-80	83681015	Black	✓	74	108	126	52	7.5	132	126	95	1
SA 95	83681016	Black	✓	74	108	126	52	7.5	132	126	95	1
SA 56	83681008	Gray	✗	60	66	85	50	6.5	94	86	60	1
SA 70	83681010	Gray	✗	60	80	94	52	7.5	106	96	70	1
SA-80	83681011	Gray	✗	74	108	126	52	7.5	132	126	95	1
SA 95	83681012	Gray	✗	74	108	126	52	7.5	132	126	95	1

### Material properties



UL listed material mod. polyamide PA 6 mod. polyamide PA 6



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### Thermal properties



Temperature / temperature range -40 °C – 110 °C / short term: 140 °C

### Protection class



Protection class IP52  
IP65 with sealing ring DS

### Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2: R22 / R23 HL3 : 0,58 EN 17084  
Ds (max.) R22 / R23 HL3 : 57 ISO 5659-2 (25 KW/m²)  
LOI R22 / R23 HL3 : ≥ 32 % ISO 4589-2



Fire properties as per NFPA ASTM E 162  
ASTM E 1354  
ASTM E 662  
Boeing BSS 7239  
Boeing BSS 7242  
Bombardier SMP 800-C

### Chemical resistances



Resistant to: Alcohol  
Greases  
Fuels  
Mineral oils

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Approvals and operating permits



cURus approval

### Classification



ETIM 9: EC001176  
ECLASS 14: 27430312  
UNSPSC 26.0801: 40183103



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### General information



Made in Germany