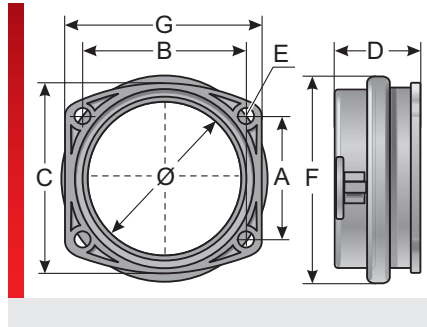


## Type SA-Jumbo (flange connection)



M-jumbo conduit 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

### SPECIFICATIONS

-  UL listed material mod. polyamide PA 6
-  -40 – 110 °C short term 140 °C
-  IP52  
IP65 with sealing ring DS
-  acc. to UL94: V0 self-extinguishing
-  C.I.T. R22 / R23 HL3 : 0,58  
Ds (max.) R22 / R23 HL3 : 57  
LOI R22 / R23 HL3 : ≥ 32 %  
ASTM E 162
-  Boeing BSS 7239  
Boeing BSS 7242  
Bombardier SMP 800-C  
Alcohol
-  Greases  
Fuels  
Mineral oils

 HF
 RoHS
 UL US
 Made in Germany

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	✓	60.00	66.00	85.00	50.00	6.50	94.00	86.00	60.00	1
SA 70	83681014	Black	✓	60.00	80.00	94.00	52.00	7.50	106.00	96.00	70.00	1
SA-80	83681015	Black	✓	74.00	108.00	126.00	52.00	7.50	132.00	126.00	95.00	1
SA 95	83681016	Black	✓	74.00	108.00	126.00	52.00	7.50	132.00	126.00	95.00	1
SA 56	83681008	Gray		60.00	66.00	85.00	50.00	6.50	94.00	86.00	60.00	1
SA 70	83681010	Gray		60.00	80.00	94.00	52.00	7.50	106.00	96.00	70.00	1
SA-80	83681011	Gray		74.00	108.00	126.00	52.00	7.50	132.00	126.00	95.00	1
SA 95	83681012	Gray		74.00	108.00	126.00	52.00	7.50	132.00	126.00	95.00	1

NFPA 130 applies only to the items in the product color black

### MATERIAL PROPERTIES



**Material**

UL listed material mod. polyamide PA 6

## Type SA-Jumbo (flange connection)

### THERMAL PROPERTIES



**Temperature / temperature range**  
-40 – 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**  
C.I.T. R22 / R23 HL3 : 0,58  
Ds (max.) R22 / R23 HL3 : 57  
LOI R22 / R23 HL3 : ≥ 32 %



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

### CHEMICAL RESISTANCE



**Resistant to:**  
Alcohol  
Greases  
Fuels  
Mineral oils

### TECHNICAL INFORMATION



**Halogen-free**

### CONFORMITY



**RoHS (EC Directive 2011/65/EU)**

### APPROVALS AND OPERATING PERMITS



**cURus approval**

### GENERAL INFORMATION



**Made in Germany**

## Type SA-Jumbo (flange connection)

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described.

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