



Type SA-Jumbo (flange connection)



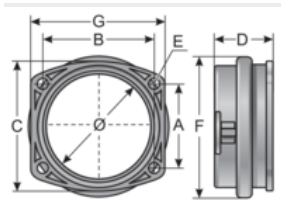
Product information

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

Accessories

SC m-jumbo	83681022	Red	✗									10
------------	----------	-----	---	--	--	--	--	--	--	--	--	----

Material properties



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



Type SA-Jumbo (flange connection)

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
C.I.T. 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



Type SA-Jumbo (flange connection)

Classification

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

General information



Made in Germany

Recommended torques for
**murrplastik connectors, corrugated
conduits and cable fittings**



holders, lock nuts and reducers





Recommended torques for **murrplastik connectors, corrugated conduits and cable fittings, holders, lock nuts and reducers**

Fastening with lock nut

Metric thread EN 60423	Connecting thread and lock nut made of polyamide	Connection thread and lock nut made of metal
M12x1.5	2.0 Nm	5.0 Nm
M16x1.5	3.0 Nm	7.0 Nm
M20x1.5	4.0 Nm	8.0 Nm
M25x1.5	5.0 Nm	10.0 Nm
M32x1.5	6.0 Nm	12.0 Nm
M40x1.5	11.0 Nm	16.0 Nm
M50x1.5	15.0 Nm	17.0 Nm
M63x1.5	16.0 Nm	18.0 Nm

Pg thread DIN 40430	Connecting thread and lock nut made of polyamide	Connection thread and lock nut made of metal
Pg 7	2.0 Nm	4.0 Nm
Pg 9	2.5 Nm	4.0 Nm
Pg 11	3.5 Nm	6.0 Nm
Pg 13.5	4.0 Nm	7.0 Nm
Pg 16	4.5 Nm	8.0 Nm
Pg 21	7.5 Nm	10.0 Nm
Pg 29	9.0 Nm	13.0 Nm
Pg 36	14.0 Nm	15.0 Nm
Pg 42	15.0 Nm	16.0 Nm
Pg 48	16.0 Nm	17.0 Nm

Please note the following information:

- The specified tightening torques are maximum values and should not be exceeded.
- The values are based on measurements under normal climate conditions (23°C / 50% rel. humidity). During assembly and operation, the prevailing climatic conditions should also be taken into account, as these can affect the properties of the components.
- Please consider the properties of the other components with which the murrplastik elements are connected.
- Locking and sealing elements tightened with a lower torque provide better long-term strength.



Recommended torques for **Screws and nuts**

Torques for screws and nuts

Thread size	Torques
M4	2.0 Nm
M5	3.0 Nm
M6	4.0 Nm
M8	10.0 Nm
M10	15.0 Nm

Product examples from our webshop range



Series m-pro

on to the product

shop.murrplastik.de



Series m-fix

on to the product

shop.murrplastik.de



UHE Holder

on to the product

shop.murrplastik.de

More info at

shop.murrplastik.de



**Murrplastik
Systemtechnik GmbH**

Dieselstraße 10
71570 Oppenweiler
Germany

Phone: +49 7191 4820
info@murrplastik.de

Managing Directors:
Jürgen Zeltwanger (CEO)
Gerd Nothdurft (COO)

HRB 271053 Local court Stuttgart
VAT ID: DE 144 744 122



MP8902834212

23



0601HS

More info at

murrplastik.de