Type DS (seal)

Product information

The DS seal is made of specially modified NBR. The material is halogen, phosphor and cadmium-free.
The DS seal can be used for the SA-Jumbo flange connection and for the KFW-Jumbo 90° flange connection to achieve a tightness of IP 65.

Information, conformities and approvals

HF RoHS Made in Germany

Article	Order No.	Color	PU pcs.
DS 70	83101238	Black	2
DS 95	83101240	Black	2

Material properties

NBR

Thermal properties

Temperature / temperature range

-40 °C – 110 °C / short term: 140 °C

Fire properties

Fire classification

acc. to UL94: V0 self-extinguishing

Type DS (seal)

Chemical resistances

Resistant to:

Alcohol
Greases
Fuels
Mineral oils
Lyes
Weak acids

Technical information

HF

Halogen-free

Conformity

RoHS

RoHS (EC Directive 2011/65/EU)

Classification

ETIM 9: EC001181
ECLASS 14: 27430319
UNSPSC 26.0801: 31411600

General information

Made in Germany

Made in Germany

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

holders, lock nuts and reducers

murrplastik®
Simply Smart Systems

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

murrplastik®
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More info at **murrplastik.de**