

m-seal ME (multi-insert)



Product information

The m-seal ME multi-insert is the perfect complement part to our m-seal cable fitting.

The KV-ME multi-insert can be used to route several cables through one fitting. The fitted seal insert in the cable fitting is simply swapped for the ME multi-insert during assembly.

Please note that the cable diameter may be up to 20% less than the diameter of the hole, but must not undershoot the hole diameter by less than 1 mm.

The m-seal ME multi-inserts feature the following advantages:

- Variable
- More cables through one fitting
- High protection class

NOT suitable for type WKK and type WKM cable fittings.

Information, conformities and approvals

RoHS

Article	Order No.	Color	UV	No. Openings	Diameter mm	Suitable for metric	Suitable for PG	PU pcs.
m-seal ME M20/ PG13.5-2x5	84182020	Black	✓	2	5	M20x1,5	PG 13,5	50
m-seal ME M20/ PG13.5-2x6	84182022	Black	✓	2	6	M20x1,5	PG 13,5	50
m-seal ME M20/ PG13.5-3x5	84182026	Black	✓	3	5	M20x1,5	PG 13,5	50
m-seal ME M20/ PG13.5-4x4	84182028	Black	✓	4	4	M20x1,5	PG 13,5	50
m-seal ME M25-Blind	83980251	Black	✓			M25x1,5		50
m-seal ME M25-2x6	84182030	Black	✓	2	6	M25x1,5		50
m-seal ME M25-4x5	84182034	Black	✓	4	5	M25x1,5		50
m-seal ME M25-3x7	84182032	Black	✓	3	7	M25x1,5		50
m-seal ME M32-2x8	84182040	Black	✓	2	8	M32x1,5		25
m-seal ME M32-2x9	84182041	Black	✓	2	9	M32x1,5		50
m-seal ME M32-3x8	84182042	Black	✓	3	8	M32x1,5		25
m-seal ME M32-4x6	84182043	Black	✓	4	6	M32x1,5		50
m-seal ME M32-4x7	84182044	Black	✓	4	7	M32x1,5		25



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Article	Order No.	Color	UV	No. Openings	Diameter mm	Suitable for metric	Suitable for PG	PU pcs.
m-seal ME M32-5x6	84182045	Black	✓	5	6	M32x1,5		50
m-seal ME M32-8x5	84182046	Black	✓	8	5	M32x1,5		25
m-seal ME M32-9x4	84182047	Black	✓	9	4	M32x1,5		50
m-seal ME M40-2x10	84182050	Black	✓	2	10	M40x1,5		50
m-seal ME M40-3x10	84182051	Black	✓	3	10	M40x1,5		50
m-seal ME M40-4x8	84182052	Black	✓	4	8	M40x1,5		50
m-seal ME M40-5x9	84182053	Black	✓	5	9	M40x1,5		50
m-seal ME M40-6x7	84182054	Black	✓	6	7	M40x1,5		50
m-seal ME M40-8x6	84182055	Black	✓	8	6	M40x1,5		50
m-seal ME M40-9x7	84182056	Black	✓	9	7	M40x1,5		50

Material properties



Elastomer

Thermal properties



Temperature / temperature range

-40 °C - 100 °C / short term: 120 °C

Protection class



Protection class

IP65

Conformity



RoHS (EC Directive 2011/65/EU)

Classification

ETIM 9: EC000879
ECLASS 14: 27144425

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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



Series m-fix



UHE Holder

on to the product

shop.murrplastik.de

on to the product

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on to the product

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More info at

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