

MDA 1 bar –Multi-Diameter-Gas Bags

Compared with conventional test and line stopping bags have MDA gas bags essential advantages in the application:

- **Excellent gas seal** because of a special rubber compound
- An absolutely **tight fit** in the pipe
- High flexibility and bend mobility due conical design
- **Temperature, oil and chemical resistance**
- MDA- gas bags are designed for an **operation pressure up to 1 bar**
- Perfect compatibility with S+B bag-positioning devices and nearly all other bag-positioning devices at the market
- **proven** through the use of various public utility companies who confirm the **reliability**

Because of their temperature/heat and oil/chemical resistance, MDA bags are particularly suitable for stopping of:

- District heating pipes
- Pipelines in chemical industry (on request)
- Biogas lines

MDA gas bags can be ordered as a single bag with or without pre-pressure measurement or as a double bag with gab venting.

In addition, all devices will be adapted to your application and equipped according to your wishes by an extensive range of accessories. We will advise you on the selection and will support you to get your job perfectly done.



MDA single bags

for single bag-positioning devices without pre-pressure measurement

Order no.	Product
01100106	MDA 1 bar single-bag, DN 50-80 mm
01100003	MDA 1 bar single bag, DN 80-130mm
01100110	MDA 1 bar single-bag, DN 100-160 mm
01100113	MDA 1 bar single-bag, DN 150-210 mm
01100114	MDA 1 bar single-bag, DN 200-315mm
01100116	MDA 1 bar single-bag, DN 300-500 mm

MDA single bags

for single bag-positioning devices with pre-pressure measurement

Order no.	Product
01100117	MDA 1 bar single-bag with pre-pressure measurement, DN 50-80mm
01100118	MDA 1 bar single-bag with pre-pressure measurement, DN 80-130mm
01100119	MDA 1 bar single-bag with pre-pressure measurement, DN 100-160mm
01100120	MDA 1 bar single-bag with pre-pressure measurement, DN 150-210mm
01100121	MDA 1 bar single-bag with pre-pressure measurement, DN 200-315mm
01100122	MDA 1 bar single-bag with pre-pressure measurement, DN 300-500mm

MDA double bags

for double bag-positioning device

Order no.	Product
01100001	MDA double bag with pre-pressure measurement and gap vent, DN 50-80 mm
01100023	MDA double bag with pre-pressure measurement and gap vent, DN 80-130 mm
01100039	MDA double bag with pre-pressure measurement and gap vent, DN 100-160 mm
01100049	MDA double bag with pre-pressure measurement and gap vent, DN 150-210 mm
01100052	MDA double bag with pre-pressure measurement and gap vent, DN 200-315 mm

Pressure table for MDA bags according to DVGW instructions

Diameter	Max. fill pressure	Max. operating pressure
Dm. 50 – 80 mm	2,2 bar	1,0 bar
Dm. 80 – 130 mm	2,2 bar	1,0 bar
Dm. 100 – 160 mm	1,6 bar	0,7 bar
Dm. 150 – 210 mm	1,6 bar	0,7 bar
Dm. 200 – 315 mm	1,2 bar	0,5 bar

Pressure table MDA bags according to manufacturer instructions

Diameter	Max. fill pressure	Max. operating pressure
Dm. 50 – 80 mm	2,2 bar	1,0 bar
Dm. 80 – 130 mm	2,2 bar	1,0 bar
Dm. 100 – 160 mm	2,0 bar	1,0 bar
Dm. 150 – 210 mm	2,0 bar	1,0 bar
Dm. 200 – 315 mm	1,2 bar	0,5 bar
Dm. 300 – 500 mm	1,5 bar	0,5 bar