

Testing and stop-off bags for gas



All products meet the requirements of highest quality and safety standards and are **GS** marked. This includes the processing of a high quality natural and synthetic rubber compound, reinforcing with a rayon kevlar fabric and with corrosion resistant filling couplings and holding rings.

Carefully selected suitable fabric materials are converted into our highly functional stop-off bags at our German works. The inside rubber layer conforms to all industrial standards and the **DVGW** regulations.

MDA™ 1 bar - Multi dimensional Gas stop-off bag

- with DVGW approval DG 4520BRO183
- designed for manual positioning or for the use in combination with bag positioning devices
- connection depending on bag positioning device i.e. S+B, VEW double bag positioning device etc

MDA™ stop-off bags are made from a unique rubber

- designed to allow especially high internal pressure
- even for DN 300 bags the maximum counter pressure is 500 mbar, which is truly unique for stop-off bags of this type

MDA™ 1 bar - Multi dimensional stop-off bags are available as

- single bag with and without pressure measurement
- as double bag with tension release of the space between bags
- as bag for manual positioning with T-piece, ball valve, pressure gauge and conical rubber stopper



In comparison to conventional textile testing and stop-off bags, the new MDA™ bags offer a number of vital advantages such as:

- excellent gas tightness due to a special rubber type
- perfect positioning of the bag as soon as pressure is applied in combination with extreme mechanical resistance
- conical shape for superior flexibility and easy insertion even through bends
- highly resistant against temperature, oil and chemicals
- designed for easy positioning with MDA™ bag positioning devices up to 1 bar
- compatible with practically all bag-positioning devices available
- max. back pressure: 1.0 - 0.5 bar

Due to their temperature and chemical resistance MDA™ bags are ideal for stopping-off

- long-distance energy pipelines
- pipelines of the chemical industry

Testing and stop-off bags for gas

MDA™ 1 bar Multi dimensional Gas stop-off bag

Type 110 for single bag positioning device without pressure measurement

- DN 50 - DN 315

MDA™ 1 bar Type 110 for single bag positioning device with pressure measurement

- DN 50 - DN 315



Type 110 for double bag positioning device with or without pressure release

- DN 50 - DN 315



Type 110 for manual position with T-piece, ball valves, manometer and conical rubber plug

- DN 50 - DN 315

Gas stop-off bags for bag positioning devices of all manufacturers

- the only DVGW approved fabric setting bag, certificate No DG-4520BS0461
- max. back pressure 0.8 - 0.2 bar

single bag for single S+B bag positioning device

- Type 090 with pressure measurement
- Type 091 without pressure measurement
- DN 80 - DN 400



single bag for double bag positioning device "VEW"

- Type 092
- DN 80 - DN 300



single bag for single bag positioning device "H+B" size 1

- with or without pressure measurement
- Type 093
- DN 50 - DN 200

double bag for S+B positioning device

- Type 095 with pressure release
- Type 096 without pressure release
- DN 80 - DN 400



double bag for positioning device "Manibs"

- Type 097 with pressure release
- Type 099 without pressure release
- G212 for Series J 125
- DN 80 - DN 300



Testing and stop-off bags for gas

Type 111 Stop-off bag with long hose of approx. 600 mm

- single rubber gas stop-off bag
- without protective cover
- DN 50 - DN 800



Gas stop-off bag with conical rubber plug max. back pressure 0.8 - 0.04 bar

Type 120 with probe

- single bag
- T-piece, ball valve and pressure gauge
- DN 40 - DN 1600

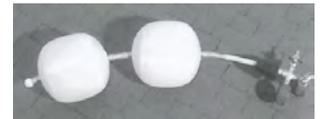


Type 121 without probe

- single bag
- with quick connection type 26
- DN 40 - DN 1600

Type 130 Gas double stop-off bag without pressure release

- each bag with own air supply
- max. back pressure 0.7 - 0.04 bar
- DN 80 - DN 1600



Type 140 Gas single stop-off bag with pressure measurement

- with crossfitting
- two ball valves, pressure gauge and conical rubber plug
- max. back pressure 0.8 - 0.04 bar
- DN 40 - DN 1600



Type 160 Gas single stop-off bag with extra strong special cover

- with special cover, T-piece, ball valve and pressure gauge, with thread and tightening nut for close injecting of the conical rubber plug
- max. back pressure 1,0 - 0,04 bar
- DN 40 - DN 1600



Gas double stop-off bag with extra strong special cover

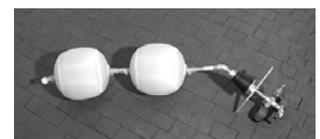
- each bag with own air supply, with thread and tightening nut for close injecting of the conical rubber plug
- max back pressure 1.0 - 0.04 bar

Type 170 without pressure release

- DN 80 - DN 1600

Type 171 with pressure release

- DN 80 - DN 300



Testing and stop-off bags for gas

Manual insertion gas stop-off bag

installed on a 1 m PA-hose with an inner steel spiral on the inside as guidance and filling linkages

- max. 0.8 - 0.04 bar

Type 180 with T-piece, ball valve/air connector type 26 and one pressure gauge with protective cap

- single bag
- flexible version
- DN 40 - DN 1600

Type 181 with quick connection coupling type 26, without pressure gauge

- single bag
- flexible version
- DN 40 - DN 1600

Type 182 with pressure gauge and Perbunan coated cover, with T-piece, ball valve/air connector type 26 and pressure gauge with protective cap

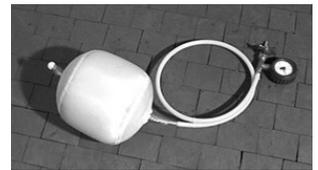
- single bag
- flexible version
- DN 40 - DN 1600

Double bag for Nitrogen-Hydrogen mixture weld

- Type 185 with additional cover made of aluminum coated fiberglass
- connected with a high grade steel waving hose for filling the intermediate space with Nitrogen-Hydrogen mixture for a perfect welding seam
- max. back pressure 0,8 - 0.04 bar
- DN 40 - DN 1600

Single bag for Nitrogen-Hydrogen mixture weld

- Type 186 with additional cover made of aluminum coated fibreglass
- max. back up pressure 0,8 - 0,04 bar
- DN 40 - DN 1100



Testing and stop-off bags for gas

HA* gas stop-off bag for house connection installed onto PA** pipe

- with internal steel spiral
- length 800 mm
- PA tube 8-10 mm
- Type 103

HA bag, with bicycle valve	3/4" - 2 1/2"
HA bag, car valve	3/4" - 2 1/2"
HA bag Superflex , with bicycle valve	3/4" - 2 1/2"
HA bag Superflex , with car valve	3/4" - 2 1/2"
HA bag,short bag, with bicycle valve	3/4" - 1 1/4"
HA bag,short bag, with car valve	3/4" - 1 1/4"
HA bag 3" with care valve	
HA bag 3" - 4" , Type RV 35/70, with PA pipe 10 mm 800mm long	
PA pipe with steel spiral, 8 mm and 10 mm	
HA replacement bag	3/4" - 2 1/2"
HA replacement short bag	3/4" - 1 1/4"



Accessories for HA* stop-off bags (house connection)

testing head with pressure gauge

- opening with bicycle or car valve for filling the stop-off bag
- closing with air nipple valve type 20
- connection to stop-off bag
- up to 4 bar
- Type 103

hand pump

- small
- with no return valve
- T-piece
- pressure gauge up to 4 bar
- 0,5 m inflating tube (braided hose with inside diameter of 4 mm)
- closing lever for car valve
- suitable for sleeve 9 mm

* house connection

** Polyamid

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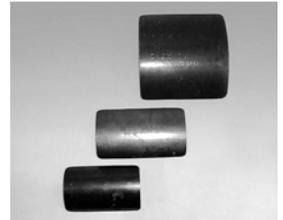
End cap holder "Perk system" Type 9000, patented

- to secure sleeves and end pieces of pressurized gas pipes or pipe ends
- DN 80 - DN 400
- up to 100 mbar



Repair patches with thermo sealing Type 5000

- for welding to steel pipes
- DN 50/60.3 mm - DN 300/323,9 mm



Mounting devices for repair patches Type 5000

- incl. potential equalization



Hydraulic squeezing device to close steel pipes Type 800

- up to DN 80
- with pump and case

Water pump for quick evacuating of water made of high-grade steel

- Type 500 with pressure and vacuum link, 1"
- Type 501 with metal base and 1.5 m plastic hose



Pressure and vacuum pump

- Type 070 2.0 m hose for filling and
- Type 071 with pressure pump, with 2.0 m hose for filling
- hose extension

