



Hazardous Material Program

Rapid protection against environmental damage.

Leak Sealing Program

High Pressure Leak Sealing System

This hose is simply clever.

Normal Sealing Bags quickly reach their limits when line access is difficult, narrow or uneven. This is the reason why we developed an intelligent sealing hose system together with Henkel KGaA, Düsseldorf.

Flexible and quick

The movable hoses are placed around the leaks and are then pumped up and withstand a counter-pressure of up to 9 bar. In doing this you have stopped the flow of hazardous liquid giving you time to think about further measures.

Obtainable as a premium or base set

You can order this well conceived Leak Sealing System in two versions. The base set has one hose and the premium version has three hoses making your operation even more flexible. With the extensive package it is guaranteed that you will have the most suitable hose ready for every pipe diameter.



In operation...

- › In chemical or industrial areas
- › For counteracting accidents involving hazardous materials
- › With leaking liquids on pressure lines and fittings



Good reasons:

- › Universally applicable
- › Easy to use
- › For counter-pressures up to max. 9 bar (90 m water column)
- › Especially used on T-junctions, pipe bends or problematic connection supports
- › Supplied as base set or premium set
- › With additional sealing plates made of different materials (NBR, EPDM, FKM) – increased resistance



Guaranteed quality:

- › Pressure relief valve between the pressure regulator and the inflation hose
- › Metal parts on the sealing hoses are made of stainless steel
- › 1.6 times the test pressure to the operating pressure
- › Continuous electrostatic conductivity of the sealing hoses (DIN ISO 8031/8.97)
- › Ground connection on both sides on the sealing hose couplings
- › A final inspection

Sets

Technical data

Base Set

Description	Art. no.	1500019000
Sealing hose 2.5 m (98 inch)	1500016001	1
Inflation valve for sealing hose	1500016200	1
Inflation hose for sealing hose	1500016301	1
Sealing plate FKM 150 x 210 mm (6 x 8 inch)	1500017900	1
Air escape valve for High-Pressure Leak Sealing System	1500019400	1
Transport case 400 x 300 x 220 mm (16 x 12 x 8.5 inch)	1500018901	1

Premium Set Premium Set US Version

Description	Art. no.	1500015800	1500019100 (USA)
Sealing hose 1.5 m (59 inch)	1500015901	1	1
Sealing hose 2.5 m (98 inch)	1500016001	1	1
Sealing hose 3.5 m (138 inch)	1500016101	1	1
Inflation valve for sealing hose	1500016200	1	1
Inflation hose for sealing hose	1500016301	1	1
Pressure regulator 200/300 bar (3,000/4,500 psi)	1600026100	1	--
Pressure regulator 200/300 bar (3,000/4,500 psi) US-version	1600026200	--	1
Sealing plate NBR 150 x 210 mm (6 x 8 inch)	1500016400	1	1
Sealing plate EPDM 150 x 210 mm (6 x 8 inch)	1500016500	1	1
Sealing plate FKM 150 x 210 mm (6 x 8 inch)	1500017900	1	1
Air escape valve for High-Pressure Leak Sealing System	1500019400	1	1
Transport case 600 x 400 x 220 mm (24 x 16 x 8.5 inch)	1500018701	1	1



Art. no.: 1500019000 Base Set HLS



Art. no.: 1500015800/1500019100 Premium Set HLS

Technical data

	Unit	Sealing hose 1,500 mm	Sealing hose 2,500 mm	Sealing hose 3,500 mm
Back pressure, max.	bar	9	9	9
	psi	130.5	130.5	130.5
Back pressure, at 10 bar	l	8.14	14.63	20.4
	cu. ft.	0.29	0.52	0.72
Temperature	°C	-30 bis +80	-30 bis +80	-30 bis +80
	°F	-22 bis +176	-22 bis +176	-22 bis +176
Weight, ca.*	kg	1.14	1.38	1.77
	lbs	2.51	3.04	3.9

All shown articles:

Working pressure 10 bar / 145 psi
Test pressure 16 bar / 232 psi

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* Weight for Premium Set: 12.3 kg/27.1 lbs
Weight for Base Set: 7.3 kg/16.1 lbs

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Leak Sealing Program

Leak Sealing Bags

Sealing made easy!

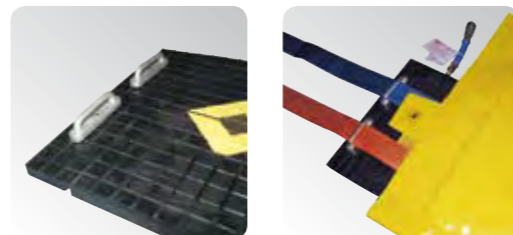
Leak Sealing Bags from Vetter have been field-proven throughout the world for sealing leaks on tanks, containers, pipes and tanker trucks, because they can quickly and reliably contain leaks. However, we have now gone one step further in improving the bags as well as simplifying the handling of them.

Three well thought out versions

You can obtain Leak Sealing Bags in three possible versions: with guiding braces, belt duct slots or lugs. Each has its advantages depending on the possible operational scenario:

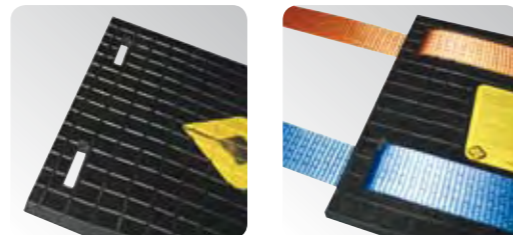
What are the advantages of guiding braces?

- › Instantly operational
- › The guiding slots are integrated into the protective covering
- › Belts can simply be inserted
- › The braces are moveable



What are the advantages of belt duct slots?

- › The slots are integrated into the bag
- › No sparks are generated because the belts are in the slots
- › The bag is solidly attached to the leak using ratchet belts
- › The flat design is practical in narrow spaces



What are the advantages of lugs?

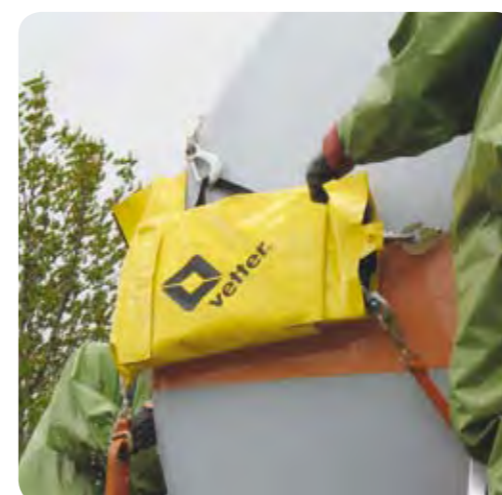
- › Instantly operational
- › Extremely moveable and flexible
- › Due to the movement of the lugs it is possible to tension the belts at all angles
- › Overlapping in narrow intermediate spaces



The best solution is to contact us for individual consultation!

The acid protection cover is always there

When in operation, the Sealing Bags can remain in the transport and acid protection bag so that they can be used even quicker. Due to the fact that the bags require little air, they can be quickly inflated with the foot pump contained in the set. Your operation is therefore independent of other air sources.



In operation...

- › With fire services
- › For sealing all types of leaks
- › Used on tanks, containers, pipes and tanker trucks



Good reasons:

- › Patented, reinforced, anti-expansion covering
- › The sealing pressure is concentrated on the sealing area
- › Worked metal plates distribute the tension load over the whole bag width
- › Low air requirement
- › Flat design enabling it to be used in narrow intermediate spaces



Guaranteed quality:

- › Smooth sealing area, serrated surface giving clear orientation in the dark
- › Anti-static and self-extinguishing
- › Belt devices enable release of the pre-tension in small steps when loosening the belt tension
- › A final inspection
- › Reproducibly inspected (Inspection seal)

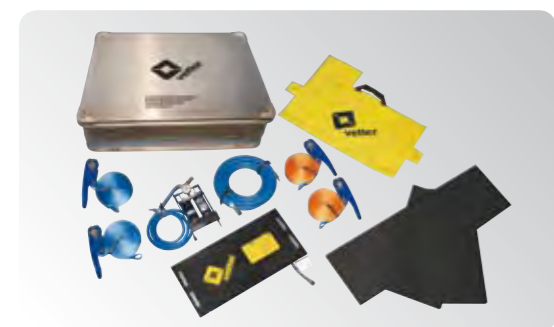
Sets

Set LD 50/30 B 1.5 bar (21.75 psi)

Description	Art. no.	1500015701
Leak Sealing Bag, Type LD 50/30 B 1.5 bar (21.75 psi)	1500015100	1
Foot air pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Tensioning and extension belt, 10 m, orange, with ratchet (32 ft.)	1500005701	2
Tensioning and extension belt, 10 m, blue, with ratchet (32 ft.)	1500005801	2
Sealing plate 600 x 300 x 30 mm (24 x 12 x 1.2 inch)	1500001701	2
Sealing plate 1,000 x 300 x 30 mm (40 x 12 x 1.2 inch)	1500001801	1
Acid protection cover for LD 50/30, PVC, yellow	1500015500	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500020602	1

Set LD 50/30 S 1.5 bar (21.75 psi)

Description	Art. no.	1500005301
Leak Sealing Bag, Type LD 50/30 S 1.5 bar (21.75 psi)	1500005400	1
Foot air pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Tensioning and extension belt, 10 m, orange, with ratchet (32 ft.)	1500005701	2
Tensioning and extension belt, 10 m, blue, with ratchet (32 ft.)	1500005801	2
Sealing plate 600 x 300 x 30 mm (24 x 12 x 1.2 inch)	1500001701	2
Sealing plate 1,000 x 300 x 30 mm (40 x 12 x 1.2 inch)	1500001801	1
Acid protection cover for LD 50/30, PVC, yellow	1500015500	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500020702	1



Art. no.: 1500015701 Set LD 50/30 B 1.5 bar (21.75 psi)



Art. no.: 1500005301 Set LD 50/30 S 1.5 bar (21.75 psi)

Set LD 50/30 W 1.5 bar (21.75 psi)

Description	Art. no.	1500000102
Leak Sealing Bag, Type LD 50/30 W 1.5 bar (21.75 psi)	1500005101	1
Foot air pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Ratchet belt, 2 m long, orange (6.4 ft.)	1500000501	1
Ratchet belt, 2 m long, blue (6.4 ft.)	1500000601	1
Attachment belt, 5 m long, orange (16.4 ft.)	1500000701	1
Attachment belt, 5 m long, blue (16.4 ft.)	1500000801	1
Tensioning and extension belt, 10 m, orange, with ratchet (32 ft.)	1500005701	1
Tensioning and extension belt, 10 m, blue, with ratchet (32 ft.)	1500005801	1
Sealing plate 600 x 300 x 30 mm (24 x 12 x 1.2 inch)	1500001701	2
Sealing plate 1,000 x 300 x 30 mm (40 x 12 x 1.2 inch)	1500001801	1
Acid protection cover for LD 50/30, PVC, yellow	1500015500	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500020801	1

Set LD 50/30 S 10 bar (145 psi)

Description	Art. no.	1500011102
Leak Sealing Bag, Type LD 50/30 S 10 bar (145 psi)	1500011201	1
Single fitting controller 10 bar (145 psi)	1000000201	1
Inflation hose 10 bar, 10 m, green (145 psi, 32 ft.)	1000000401	1
Tensioning and extension belt, 10 m, orange, with ratchet (32 ft.)	1500005701	1
Tensioning and extension belt, 10 m, blue, with ratchet (32 ft.)	1500005801	1
Sealing plate 600 x 300 x 30 mm (24 x 12 x 1.2 inch)	1500001701	1
Acid protection cover for LD 50/30, PVC, yellow	1500015500	1
Transport case 800 x 600 x 220 mm (32 x 24 x 5 inch)	1500021401	1



Art. no.: 1500000102 Set LD 50/30 W 1.5 bar (21.75 psi)



Art. no.: 1500011102 Set LD 50/30 S, 10 bar (145 psi)

Sets

Set LD 110/60 S XL, 1.5 bar (21.75 psi)

Description	Art. no.	1500018301
Leak Sealing Bag, Type LD 110/60 S, XL 1.5 bar (21.75 psi)	1500014500	1
Single fitting controller 1.5 bar (21.75 psi)	0150002101	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Tensioning and extension belt, 10 m, orange, with ratchet (32 ft.)	1500005701	3
Tensioning and extension belt, 10 m, blue, with ratchet (32 ft.)	1500005801	3
Sealing plate 1,000 x 500 x 30 mm (40 x 20 x 1.2 inch)	1500018401	2
Acid protection cover for LD 110/60 S, PVC, yellow	1500018100	1

Set DLD 50/30 1.5 bar

Description	Art. no.	1500005901
Leak Drainage Bag, Type DLD 50/30 1.5 bar (21.75 psi)	1500006000	1
Foot air pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Tensioning and extension belt, 10 m, orange, with ratchet (32 ft.)	1500005701	2
Tensioning and extension belt, 10 m, blue, with ratchet (32 ft.)	1500005801	2
Blocking valve, Size D, stainless steel	1500006400	1
Acid outlet hose, 5 m (16.4 ft.) with D-suction coupling V4A	1500007100	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500021502	1



Art. no.: 1500018301
Set LD 110/60 S XL, 1.5 bar (21.75 psi)



Art. no.: 1500005901 Set DLD 50/30 1.5 bar (21.75 psi)

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Technical data

		1500015100	1500005400	1500005101
	Unit	LD 50/30 B	LD 50/30 S	LD 50/30 W
Size (LxWxH)	cm	61.5 x 30 x 2	61.5 x 30 x 2	61.5 x 30 x 2
	inch	24 x 12 x 0.8	24 x 12 x 0.8	24 x 12 x 0.8
Sealing area	cm	50 x 30	50 x 30	50 x 30
	inch	20 x 12	20 x 12	20 x 12
Sealing pressure	l	14	14	14
	cu. ft.	20.3	20.3	20.3
Air requirement	l	17.5	17.5	17.5
	cu. ft.	0.62	0.62	0.62
Weight of individual bag	kg	4.9	4.3	6.9
	lbs	10.8	9.5	15.2
Weight of set	kg	31.7	29	31.7
	lbs	69.9	64	69.9

All shown articles:

Working pressure 1.5 bar / 21.75 psi
Test pressure 1.95 bar / 28.50 psi

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		1500011201	1500014500	1500006000
	Unit	LD 50/30 B 10.0 bar	LD 110/60 S XL	DLD 50/30
Size (LxWxH)	cm	61.5 x 30 x 2	110 x 60 x 7	62 x 30 x 6
	inch	24 x 12 x 0.8	43 x 24 x 2.7	24 x 12 x 2.4
Sealing area	cm	50 x 30	86 x 57	50 x 30
	inch	20 x 12	34 x 22	20 x 12
Drainage space	cm	--	--	40 x 20 x 3.5
	inch	--	--	15.7 x 7.9 x 1.4
Working pressure	bar	10	1.5	1.5
	psi	145	21.75	21.75
Test pressure	bar	13	1.95	1.95
	psi	188.5	28.5	28.5
Sealing pressure	m WS	90	14	10
	psi	130.5	20.3	14.5
Air requirement	l	99	190	2.8
	cu. ft.	3.49	6.71	0.1
Weight of individual bag	kg	4.6	16	8.2
	lbs	10.1	35.3	18.1
Weight of set	kg	21.9	39.5	31.9
	lbs	48.3	87.1	70.3

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Leak Sealing Program

Mini Leak Sealing Bags

The small, strong leak stopper

Quick and reliable sealing of small leaks in pipes, tanks and other types of containers is a very unpleasant task. Owing to the fact that we know this, we have developed the Mini Leak Sealing Bag.

Simply position and quickly inflate

With a diameter of between 10 and 90 cm you are certainly on the safe side with this bag. Velcro connections on the metal-free tension belts relieve you of a lot of work because they considerably simplify fixing. All that is left to do is just a few strokes of the foot pump and the maximum operating pressure is quickly reached – everything is sealed! Mini Leak Seal Bags are delivered in practical transport cases (600 x 400 x 220 mm/23.4 x 15.6 x 8.6 inch)



Art. no.: 1500009400 Set Mini Leak Sealing Bags

Set Mini Leak Sealing Bags

Description	Art. no.	1500009400
Mini Leak Sealing Bag, Type LDK 10/10	1500008300	1
Mini Leak Sealing Bag, Type LDK 10/25	1500008500	1
Mini Leak Sealing Bag, Type LDK 20/20	1500008600	1
Foot pump with safety valve, 1.5 bar (21.75 psi)	0150002800	1
Tension belt, blue, 150 cm long (6 inch)	1500009000	2
Tension belt, blue, 300 cm long (12 inch)	1500009200	3
Transport case 600 x 400 x 220 mm (23.4 x 15.6 x 8.6 inch)	1500008801	1

Technical data

	Unit	1500008300 LDK 10/10	1500008500 LDK 10/25	1500008600 LDK 20/20
Size (LxWxH)	cm	15 x 15 x 1.2*	15 x 31 x 1.2*	25 x 25 x 1.2*
	inch	6 x 6 x 0.5	6 x 12 x 0.5	10 x 10 x 0.5
Sealing area	cm	9.5 x 9.5	9.5 x 25.5	19.5 x 19.5
	inch	3.7 x 3.7	3.7 x 10	7.7 x 7.7
Sealing pressure	m WS	14	14	14
	psi	20.3	20.3	20.3
Air requirement at 1.5 bar (21.75 psi)	l	0.8	1.3	5
	cu. ft.	0.03	0.05	0.18
Weight of individual bag	kg	0.5	0.8	1.1
	lbs	1.1	1.8	2.4

All shown articles:

Working pressure 1.5 bar / 21.75 psi
Test pressure 1.95 bar / 28.50 psi

Weight of set: ca. 10.4 kg/23 lbs

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*in the valve area + 6 mm (0.2 inch)



In operation...

- ▶ For sealing of all types of leaks
- ▶ On small joints, pipes, roll tyre barrels and containers having diameters from 10 to 90 cm (3.9 to 35.1 inch)



Good reasons:

- ▶ Flat design, only 1.2 cm/0.47 inch
- ▶ Low air requirement
- ▶ Can be inflated with a foot pump



Guaranteed quality:

- ▶ Brief operating instructions on the bag
- ▶ Good chemical resistance
- ▶ Anti-static and self-extinguishing material
- ▶ A final inspection
- ▶ Reproducibly inspected (Inspection seal)

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Leak Sealing Program

Flange Drainage Bags

Reliably seal, controlled diversion

With respect to leaks, flanges are critical sections of the pipe on which Sealing Bags are less effective. With the Flange Drainage Bag you „kill two birds with one stone“: firstly you are able to reliably seal the leaky flange then drain away leaking hazardous material.

Simple operation for quick protection

Sealing is quite easy: firstly the bag is so positioned that the sealing sleeves surround the flange as well as the pipe. After this you then close the gas and liquid-proof zip and inflate the sleeve – and everything is already sealed. A drainage space is created from which you are able to drain the hazardous material away. We supply Flange Drainage Bags in three different sleeve lengths so that you are prepared for different pipe diameters. In the standard delivery package you also receive flexible gel plates with which you are able to compensate for unevenness underneath the sleeve.

Set Flange Drainage Bag

Description	Art. no.	DN 50 1500019600
Flange Drainage Bag DN 50 1.5 bar (21.75 psi), incl. 4 gel plates	1500006600	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Foot pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Acid outlet hose, 5 m (16.4 ft.), with D-suction coupling V4A	1500007100	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500022601	1

Description	Art. no.	DN 80 1500019900
Flange Drainage Bag DN 80 1.5 bar (21.75 psi), incl. 4 gel plates	1500019200	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Foot pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Acid outlet hose, 5 m (16.4 ft.), with D-suction coupling V4A	1500007100	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500022601	1

Description	Art. no.	DN 100 1500023700
Flange Drainage Bag DN 100 1.5 bar (21.75 psi), incl. 6 gel plates	1500023400	1
Inflation hose 1.5 bar, 10 m, blue (21.75 psi, 32 ft.)	0150000101	1
Foot pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Acid outlet hose, 5 m (16.4 ft.), with D-suction coupling V4A	1500007100	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1500022601	1

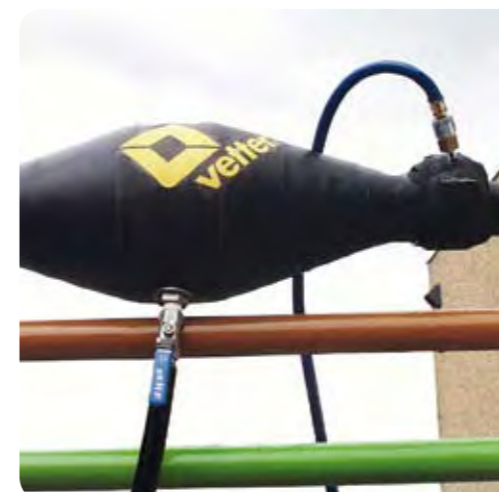
Technical data

	Unit	1500006600 DN 50	1500019200 DN 80	1500023400 DN 100
Ext. size	Ø cm	21	21	25
	Ø inch	8.3	8.3	9.8
Length	cm	90	90	92
	inch	35	35	36
Sealing pressure	m WS	10	10	10
	psi	14.5	14.5	14.5
Air requirement at 1.5 bar (21.75 psi)	l	1.25	1.25	1.25
	cu. ft.	0.05	0.05	0.05
Weight of individual bag	kg	3.1	3.1	3.5
	lbs	6.8	6.8	7.7
Weight of set	kg	17.8	17.8	18.4
	lbs	79.4	79.4	40.1

All shown articles:

Working pressure 1.5 bar / 21.75 psi
Test pressure 1.95 bar / 28.50 psi

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In operation...

- ▶ For sealing leaks
- ▶ For controlling the draining of the agent
- ▶ On flanges and pipe connections



Good reasons:

- ▶ 2 in 1: reliable sealing and controlled diversion with one device
- ▶ Gas and liquid-proof zip
- ▶ Easy operation



Guaranteed quality:

- ▶ 1.3 times the test pressure to the operating pressure
- ▶ Acid drainage hose with stainless steel shut-off valve
- ▶ A final inspection
- ▶ Reproducibly inspected (Inspection seal)

Leak Sealing Program

Vacuum Leak Drainage Bags

Sealing without tension belts

When you eliminate a leak on clean, smooth surfaces which are hardly bent then the Vacuum Drainage bag is a simple alternative. It solidly suctions and seals – and additionally enables reliable drainage of the hazardous material.

Even quicker

Due to the fact that you use the Vacuum Drainage Bag without belts, you are able to save a lot of time. The round shape optimally produces the best flow so that the drainage out of the drainage chamber flows quickly and safely.

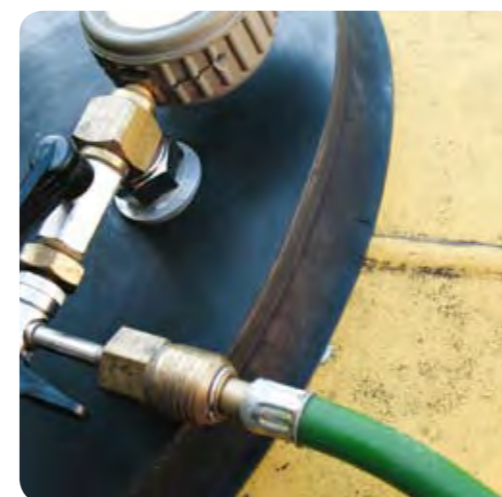
Set DLD 50 VAC

Description	Art. no.	1500019700
Vacuum Leak Drainage Bag, Type DLD 50 VAC	1500007501	1
Acid outlet hose, 5 m (16.4 ft.), with D-suction coupling V4A	1500007100	1
Blocking valve Size D, stainless steel	1500006400	1
Transport case 800 x 600 x 220 mm (32 x 24 x 8.7 inch)	1500022101	1

Technical data

	Unit	DLD 50 VAC
Size	Ø cm	50
	Ø inch	19.7
Drainage space	Ø cm	20
	Ø inch	7.9
Maximum operating pressure for vacuum generator	bar	6
	psi	87
Vacuum	bar	0.45
	psi	6.53
Air requirement	l/min.	200
	cu. ft./min.	7
Weight of individual bag	kg	5.2
	lbs	11.5
Weight of set	kg	15.5
	lbs	34.2

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Art. no.: 1500019700 Set DLD 50 VAC



In operation...

- › For sealing and controlled drainage of hazardous material
- › On container and tanker trucks
- › On large containers
- › On storage tanks



Good reasons:

- › Best flow results due to round shape
- › Stainless steel connections
- › Also for large containers
- › No need for belt fixing



Guaranteed quality:

- › Manometer for reading off the vacuum
- › Good chemical resistances
- › A final inspection
- › Reproducibly inspected (Inspection seal)

Leak Sealing Program

Leak Sealing Lance

For quick one man leak sealing

We have designed the Leak Sealing Lance so that you can quickly seal small leaks on storage containers, container and tanker trucks. The wedge and cone bags seal the cracks and holes quickly and avoid leaking of hazardous materials.

Set Leak Sealing Lance with foot pump

Description	Art. no.	1500009600
Wedge bag 6, 1.5 bar (21.75 psi)	1500009800	1
Wedge bag 8, 1.5 bar (21.75 psi)	1500010000	1
Wedge bag 11, 1.5 bar (21.75 psi)	1500010100	1
Cone bag 7, 1.5 bar (21.75 psi)	1500010200	1
PVC hollow rod (Lance 35 cm long) (14 inch)	1500010300	3
PVC hollow rod with chain and nipple	1500010500	1
Blocking valve for Leak Sealing Lance	1500010600	1
Foot air pump with safety valve 1.5 bar (21.75 psi)	0150002800	1
Liquid drop protector for Leak Sealing Lance	1500011000	1
Transport case 400 x 300 x 220 mm (16 x 12 x 9 inch)	1500010801	1



Art. no.: 1500009600 Set Leak Sealing Lance with foot pump



Technical data

	Unit	1500009800 Wedge bag 6	1500010000 Wedge bag 8	1500010100 Wedge bag 11	1500010200 Cone bag 7
Size (L*W*H)	cm	23 x 6 x 5	23 x 8 x 5.5	23 x 11 x 7	23 x Ø 7
	inch	9 x 2.4 x 2	9 x 3 x 2.2	9 x 4.3 x 2.8	9 x Ø 2.8
Air requirement at 1.5 bar	l	1.5	3.5	7.8	3
	cu. ft.	0.05	0.12	0.28	0.11
Weight ca.	kg	0.2	0.3	0.42	0.2
	lbs	0.4	0.7	0.9	0.4

All shown articles:

Working pressure 1.5 bar / 21.75 psi
Test pressure 1.95 bar / 28.50 psi

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* Length with coupling + 6 cm (2.36 in)



In operation...

- ▶ Cracks from 15 - 60 mm (0.6 - 2.3 inch)
- ▶ Holes from 30 - 90 mm (1.2 - 3.5 inch)



Good reasons:

- ▶ One man operation
- ▶ Quick sealing
- ▶ Low air requirement of max. 7.8 l/0.27 cu.ft.
- ▶ Air inflation with a foot pump
- ▶ Anti-slip profile on the bag
- ▶ Low set weight of 8.1 kg/17.9 lbs



Guaranteed quality:

- ▶ Sufficient distance to the area of danger thanks to a lance length of 140 cm/54.6 inch
- ▶ Shut-off valve avoids decoupling pressure reduction and air loss
- ▶ A final inspection
- ▶ Reproducibly inspected (Inspection seal)

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Leak Sealing Program

Leak Sealing Bandages

Quick and easy sealing

The quick and easy solution to seal sudden pipeline leaks which could endanger people and environment.

Longitudinal cracks can also be sealed with the bandages by placing them in the longitudinal direction and securing with squared timber and ratchet belt.

Technical data		1500013900	1500014000	1500018200
	Unit	LB 5-20	LB 20-48	LB 5-20 XL
Size	cm	98 x 21	177 x 21	100 x 40
	inch	38.6 x 8.3	69.9 x 8.3	39.4 x 15.7
Sealing area	cm	19 wide	19 wide	38 wide
	inch	7.5 wide	7.5 wide	15 wide
Sealing pressure	m WS	14	14	14
	psi	20.3	20.3	20.3
Air requirement	l	22.5	40	75
	cu. ft.	0.8	1.4	2.7
Weight of individual bag	kg	2.3	4	5.5
	lbs	5	8.8	12.3

All shown articles:

Working pressure 1.5 bar / 21.75 psi
 Test pressure 1.95 bar / 28.50 psi

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LB 5-20 and LB 20-48



LB 5-20 XL



Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.



In operation...

- ▶ With sudden pipeline defects
- ▶ Pipe and round containers with diameters of 5 to 48 cm
- ▶ Pipe leaks
- ▶ Sealing of longitudinal cracks possible by combining the bandages with squared timber



Good reasons:

- ▶ Inflatable with foot pump
- ▶ Easy handling
- ▶ All round reliable sealing
- ▶ Versatile application possibilities



Guaranteed quality:

- ▶ 1.3 times the test pressure to the operating pressure
- ▶ Brief application instructions on the bandages
- ▶ Anti-static and self-extinguishing characteristics
- ▶ A final inspection
- ▶ Reproducibly inspected (Inspection seal)

Leak Sealing Program

Lifting and Sealing Sleeves

Reliable sealing and lifting of roll tyre barrels.

With damaged roll tyre barrels, the Lifting and Sealing Sleeves are excellently suited for sealing, lifting and temporary storage in safety containers. Even with minimum storage space!

Technical data

1110001100

	Unit	PM 600
Size	Ø cm	62/40 high
	Ø inch	24/15.7 high
Air requirement	l	35.7
	cu. ft.	1.26
Load capacity at 0.5 bar/7.25 psi	kg	400
	lbs	882
Weight of individual bag, ca.	kg	5.6
	lbs	12.3

All shown articles:

All rights reserved for technical changes.

Working pressure 0.5 bar / 7.25 psi
Test pressure 0.65 bar / 9.4 psi



Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.



In operation...

- ▶ For sealing roll tyre barrels
- ▶ For placing roll tyre barrels into safety containers intended for this purpose



Good reasons:

- ▶ Enables lifting of barrels even with minimum storage space
- ▶ Large area distribution of pressure
- ▶ No danger of point damage
- ▶ Regulated operating pressure up to 0.5 bar/7.25 psi



Guaranteed quality:

- ▶ Controller 0.5 bar/7.25 psi with safety valve against over-inflation
- ▶ A final inspection
- ▶ Reproducibly inspected (Inspection seal)

Leak Sealing Program

Pipe Sealing Sleeves

Quick pipe leak sealing

Sealing once without air pressure: for small cracks or holes in the pipeline we offer a practical tool in the form of the Pipe Sealing Sleeve with which you are able to seal quickly and easily. It is able to withstand a pressure of up to 16 bar/232 psi and seals leaks in the smallest pipe nominal size of 1/2".

This is how it functions:

- › Place the sealing next to the leak
- › Place the sealing sleeve over it
- › Adjust the screws so that the sleeve can be positioned
- › Tighten the sealing sleeve with the Allen screws
- › ...and everything is sealed!

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Technical data

		1500002301	1500002401	1500002501	1500002601	1500002701
	Unit	1/2"	3/4"	1"	1 1/4"	1 1/2"
Nominal size	mm	21.3	26.9	33.7	42.4	48.3
	inch	0.84	1.06	1.33	1.67	1.9
For diameter	DN	15	20	25	32	40
Size (LxWxH)	cm	140 x 82 x 40	140 x 88 x 46	140 x 95 x 49	140 x 107 x 52	140 x 114 x 52
	inch	5.5 x 3.2 x 1.6	5.5 x 3.5 x 1.8	5.5 x 3.7 x 1.9	5.5 x 4.2 x 2	5.5 x 4.5 x 2
Weight	kg	1.5	1.6	1.9	2.2	2.3
	lbs	3.3	3.5	4.2	4.9	5.1

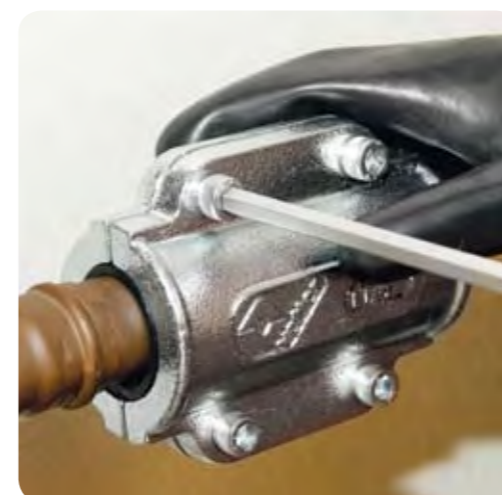
Technical data

		1500002801	1500002901	1500003201	1500003301
	Unit	2"	2 1/2"	3"	4"
Nominal size	mm	60.3	76.1	88.9	114.3
	inch	2.37	3	3.5	4.5
For diameter	DN	50	65	80	100
Size (LxWxH)	cm	140 x 127 x 81	140 x 146 x 105	150 x 163 x 116	160 x 214 x 142
	inch	5.5 x 5 x 3.2	5.5 x 5.7 x 4	6 x 6.4 x 4.6	6.3 x 8.4 x 5.6
Weight	kg	2.5	3.4	3.4	4.5
	lbs	5.5	7.5	7.5	9.9

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Set Pipe Sealing Sleeves

Description	Art. no.	1500002201
Pipe Sealing Sleeve 1/2"	1500002301	1
Pipe Sealing Sleeve 3/4"	1500002401	1
Pipe Sealing Sleeve 1"	1500002501	1
Pipe Sealing Sleeve 1 1/4"	1500002601	1
Pipe Sealing Sleeve 1 1/2"	1500002701	1
Pipe Sealing Sleeve 2"	1500002801	1
Pipe Sealing Sleeve 2 1/2"	1500002901	1
Pipe Sealing Sleeve 3"	1500003201	1
Pipe Sealing Sleeve 4"	1500003301	1
Allan key	1500003101	1
Transport case 400 x 300 x 220 mm (16 x 12 x 9 inch)	1500003601	1



In operation...

- › With small cracks and holes in pipeline systems
- › Can be even used with aggressively acting liquids
- › For sealing pipe leaks



Good reasons:

- › Long-term heat resistant up to 80°C
- › Internal EPDM sealing
- › Easy handling
- › Contained in a transport case
- › Applicable with the smallest pipe nominal size of 1/2"



Guaranteed quality:

- › Suitable for permanent operation
- › Applicable up to a counter-pressure of 16 bar/232 psi (water)
- › A final inspection

Leak Sealing Program

Leak Sealing Paste

The ideal first aid measure.

This is the ideal package if you have to seal leaks which are difficult to access on the smallest valve supports and flanges through which chemical or petrochemical products flow, e.g. oil, petrol, hydrocarbons, alkali solutions and acids, solvents and cleaning agents.

With especially aggressively acting chemicals the effectiveness can be increased by repeated application. This paste cannot be used with water leaks because it is water soluble. Can be obtained individually or as a set of eight containers (each 500 ml / ca. 600 g)



In operation...

- ▶ On leaks difficult to access
- ▶ For sealing pipe leaks in which hazardous materials flow



Good reasons:

- ▶ Easy and quick handling
- ▶ Can also be used at minus temperatures
- ▶ Withstands a counter-pressure of 0.4 bar/5.8 psi
- ▶ Applicable on rusty, greasy or dirty surfaces



Guaranteed quality:

- ▶ Not toxic
- ▶ Not flammable



Set Leak Sealing Paste Art. no. 1500004600

Sealing Bags

Pipe Sealing Bags and Bypass Bags FS

Pipe closing or diversion.

With Pipe Sealing Bags you close off environmentally dangerous liquids or fumes. In doing this you protect the channel network and ground water against serious damage. With Bypass Bags you can dam dangerous liquids and divert them in a controlled way.

Especially resistive

The Pipe and Bypass Bags (FS) consist of a high quality rubber material having a structured layer and are therefore extremely resistant against chemicals and high temperatures up to 115°C (for a short period) and 90°C (for a longer period). They can either be supplied with coupling or with the integrated 10 m/32 ft. inflation hose.



Bypass Bags FS



Pipe Sealing Bags FS



In operation...

- ▶ Damming of liquids and fumes dangerous to the environment
- ▶ Sealing off of tank and tanker truck filling openings
- ▶ Damming and regulated diversion of dangerous liquids
- ▶ Production of a pump sump
- ▶ In pipelines
- ▶ In gullies
- ▶ For sealing off
- ▶ For diversion of liquids



Good reasons:

- ▶ Obtainable in different sizes
- ▶ Supplied either with coupling or with integrated 10 m inflation hose
- ▶ High resistance against chemicals



Guaranteed quality:

- ▶ High quality rubber material
- ▶ Short-term up to 115°C
- ▶ Long-term up to 90°C temperature resistance
- ▶ A final inspection
- ▶ Reproducibly inspected (Inspection seal)
- ▶ Inspection plate for 4 additional repetitive inspections
- ▶ Modern type label with clearly indicated safety instructions

Technical data

		1482000700	1482000800	1482000900	1482001000	1482001100	1482001200
		RDK 7/15 FS	RDK 10/20 FS	RDK 20/40 FS	RDK 30/60 FS	RDK 50/100 FS	RDK 80/140 FS
Pipe diameter	cm	7-15	10-20	20-40	30 - 60	50 - 100	80-140
	inch	3-6	4-8	8-16	12-24	20 - 40	32-55
Diameter	cm	6.8	9	19.5	29.5	45	78.5
	inch	2.7	3.5	7.68	11.61	17.72	30.9
Cylinder length	kg	30	51	51	73.5	111	181
	lbs	12	20	20.08	28.94	43.7	71.3
Total length	cm	34.5	55.5	57	78	117	185.5
	inch	13.6	21.9	22.44	30.71	46.06	73
Air requirement	l	9.5	28.8	112	362.5	1,525	3,125
	cu. ft.	0.34	1.02	3.95	12.8	53.8	110.3
Weight	kg	0.5	0.9	3.1	7.3	16.5	48
	lbs	1.1	2	6.8	16.1	36.4	105.8

All shown articles:

Working pressure 1.5 bar / 21.75 psi
 Test pressure 1.95 bar / 28.3 psi
 Back pressure 5 m WS / 7.25 psi

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		1482000100	1482000200	1482000300	1482000400	1482000500	1482000600
		RDK 7/15 FS	RDK 10/20 FS	RDK 20/40 FS	RDK 30/60 FS	RDK 50/100 FS	RDK 80/140 FS
Pipe diameter	cm	7-15	10-20	20-40	30 - 60	50 - 100	80-140
	inch	3-6	4-8	8-16	12-24	20 - 40	32-55
Diameter	cm	6.8	9	19.5	29.5	45	78.5
	inch	2.7	3.5	7.68	11.61	17.72	30.9
Cylinder length	kg	30	51	51	73.5	111	181
	lbs	12	20	20.08	28.94	43.7	71.3
Total length	cm	34.5	55.5	57	78	117	185.5
	inch	13.6	21.9	22.44	30.71	46.06	73
Air requirement	l	9.5	28.8	112	362.5	1,525	3,125
	cu. ft.	0.34	1.02	3.95	12.8	53.8	110.3
Weight with integr. infl. hose	kg	3.3	3.7	6.5	9.4	19.8	53.6
	lbs	7.3	8.2	14.3	20.7	43.7	118.2

All shown articles:

Working pressure 1.5 bar / 21.75 psi
 Test pressure 1.95 bar / 28.3 psi
 Back pressure 5 m WS / 7.25 psi

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		1483002200	1483001400	1483001500	1483001600	1483001000
		BK 7/15 FS	BK 10/20 FS	BK 20/50 FS	BK 50/120 FS	BK 80/140 FS
Bypass Size		1"	2 1/2"	4"	4"	4"
Pipe diameter	cm	7-15	10-20	20-50	50-120	80-140
	inch	3-6	4-8	8-20	20-47	32-55
Diameter	cm	6.8	9.7	19.5	45	78.5
	inch	2.68	3.82	7.68	17.72	30.91
Cylinder length	kg	30	48.5	55	92	181
	lbs	12	19.09	21.65	36.22	71.26
Total length	cm	36	55.5	67	94	193
	inch	14.17	21.85	26.4	37	75.98
Air requirement	l	6.4	22.5	157.5	1,420	3,075
	cu. ft.	0.23	0.8	5.6	50.1	108.6
Weight	kg	3.4	3.4	9.4	52.2	69
	lbs	7.5	7.5	20.7	115.1	152.2

All shown articles:

Working pressure 1.5 bar / 21.75 psi
 Test pressure 1.95 bar / 28.3 psi
 Back pressure 5 m WS / 7.25 psi

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		1483002100	1483001100	1483001200	1483001300	1483000500
		BK 7/15 FS	BK 10/20 FS	BK 20/50 FS	BK 50/120 FS	BK 80/140 FS
Bypass Size		1"	2 1/2"	4"	4"	4"
Pipe diameter	cm	7-15	10-20	20-50	50-120	80-140
	inch	3-6	4-8	8-20	20-47	32-55
Diameter	cm	6.8	9.7	19.5	45	78.5
	inch	2.68	3.82	7.68	17.72	30.91
Cylinder length	kg	30	48.5	55	92	181
	lbs	12	19.09	21.65	36.22	71.26
Total length	cm	36	55.5	67	94	193
	inch	14.17	21.85	26.4	37	75.98
Air requirement	l	6.4	22.5	157.5	1,420	3,075
	cu. ft.	0.23	0.8	5.6	50.1	108.6
Weight with integr. infl. hose	kg	6.2	6.2	12.2	55	74.6
	lbs	13.7	13.7	26.9	121.3	164.5

All shown articles:

Working pressure 1.5 bar / 21.75 psi
 Test pressure 1.95 bar / 28.3 psi
 Back pressure 5 m WS / 7.25 psi

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Sealing Bags

Gully Sealing Bags

The ideal preliminary measure.

When environmentally dangerous liquids flow over the road then it is guaranteed that you will be in time thanks to the Gully Sealing Bag. We offer you two variations which carry out their task reliably depending on the situation:

Universal Gully Sealing Bag:

The Universal Gully Sealing Bag is, using the positioning rod, directly positioned at the outlet of the gully. This has a great advantage because you can then use the channel inlet as a pump sump. You receive this sealing bag either as a base version or as a complete premium package each with two bag types (10/15 and 15/30). Important: You can seal up to a diameter of 30 cm only with the Premium Set! Both sets are contained in a practical carrying case.

Compact Gully Sealing Bag:

If you have to seal the complete gully including inlet then you will need the Compact Gully Sealing Bag. With this you will be able to seal gullies up to a diameter of 50 cm (Type 30/50) to 80 cm (Type 50/80).

Base Set Universal Gully Sealing Bag

Description	Art. no.	1470000100
Universal Gully Sealing Bag, Type 10/15 2.5 bar (36.25 psi)	1470000200	4
Positioning rod L = 1,500 mm (59 inch), exchangeable, aluminium	1470000500	1
Foot air pump with safety valve 2.5 bar (36.25 psi)	0250002300	1
Transport case 600 x 400 x 220 mm (24 x 16 x 9 inch)	1470001001	1

Premium Set Universal Gully Sealing Bag

Description	Art. no.	1470001400
Universal Gully Sealing Bag, Type 10/15 2.5 bar (36.25 psi)	1470000200	2
Universal Gully Sealing Bag, Type 15/30 2.5 bar (36.25 psi)	1470001300	2
Positioning rod L = 1,500 mm (59 inch), exchangeable, aluminium	1470000500	1
Foot air pump with safety valve 2.5 bar (36.25 psi)	0250002300	1
Transport case 800 x 600 x 220 mm (32 x 24 x 9 inch)	1470001701	1

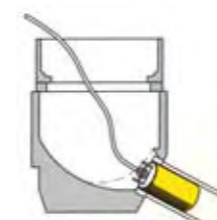
Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.



Art. no.: 1470000100
Base Set Universal Gully Sealing Bag
Art. no.: 1470001400
Premium Set Universal Gully Sealing Bag



Universal Gully Sealing Bag



In operation...

- › For sealing off gullies
- › Use of the inlet as a pump sump
- › With leaking chemicals for environmental protection
- › With floods



Good reasons:

Universal Gully Sealing Bag:

- › Easy positioning
- › Used as sealing bag for pipes of 10 – 15 cm and 15 – 30 cm
- › Structure layer permits expansion of diameter but not longitudinal expansion
- › Sufficient distance by an integrated inflation hose
- › The channel can be closed again during operation with the grid

Compact Gully Sealing Bag:

- › Is already fully operational in the transport case
- › Inflation fitting which can be decoupled so that any number of bags can be used
- › Inflation of the sealing bag twice with the attached compressed air bottle (can be refilled)



Guaranteed quality:

Universal Gully Sealing Bag:

- › Test counter-pressure 10 m water column
- › Very high burst pressure of min. 8 bar

Compact Gully Sealing Bag:

- › 2 m inflation hose enables inflation at a distance
- › Inflation fitting with safety valve and manomete

General:

- › Hold lines for lowering and securing
- › Good oil and chemical resistance
- › Anti-static
- › Ozon resistive
- › A final inspection
- › Reproducibly inspected (Inspection seal)

Sets

Set Compact Gully Sealing Bag 30/50

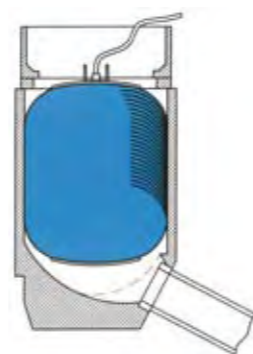
Description	Art. no.	1460001001	1460002400 (USA)
Compact Gully Sealing Bag, Type 30/50 0.5 bar (7.25 psi)	1460000101	1	1
Inflation and safety fitting for Compact Gully Sealing Bag	1460001500	1	--
Inflation and safety fitting USA for Compact Gully Sealing Bag	1460002300	--	1
Compressed air cylinder 1 l/200 bar (0.04 cu.ft./3,000 psi) (unfilled)	1600010100	1	--
Transport case 600 x 400 x 220 mm (24 x 16 x 9 inch)	1460000701	1	1



Art. no.: 1460001002 Set Compact Gully Sealing Bag



Compact Gully Sealing Bag



Technical data

Unit		Universal Gully Sealing Bag 10-15	Universal Gully Sealing Bag 15-30	Compact Gully Sealing Bag 30-50	Compact Gully Sealing Bag 50-80
Gully outlet, min.-max.	cm	10-15	15 - 30	30-50	50-80
	inch	4-6	6-12	12-20	20-32
Cylinder length	cm	25	35	41	41
	inch	9.8	13.8	16	16
Total length	cm	28.5	39	46	46
	inch	11.2	15.4	18.1	18.1
Diameter	cm	9	14.5	29.5	45
	inch	3.5	5.7	11.6	17.7
Air requirement at 0.5/2.5 bar	l	13	50	128	426
	cu. ft.	0.46	1.77	4.52	15.04
Weight, ca.	kg	1.3	1.9	3.7	8.3
	lbs	2.87	4.2	8.2	18.3
Weight, ca. (Set)	kg	13.5	16	11.7	--
	lbs	29.8	35.3	25.8	--

All Universal Gully Sealing Bags:

Working pressure 2.5 bar / 36.25 psi
 Test pressure max. 3.25 bar / 47.1 psi
 Back pressure 10 m WS / 14.5 psi


All Compact Gully Sealing Bags:

Working pressure 0.5 bar/7.25 psi
 Test pressure 0.65/9.4 psi
 Back pressure 2 mWS/2.9 psi

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System Accessory 1.5 bar / 10 bar (21.75 psi/145 psi)

Inflation hose 1.5 bar/21.75 psi

blue	Art. no.: 0150000101	10 m/32 ft	
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Inflation and safety hose 1.5 bar/21.75 psi

blue	Art. no.: 0150002201	10 m/32 ft	
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Single controller, 1.5 bar/21.75 psi

Fitting	Art. no.: 0150002101		
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Dual controller, 1.5 bar/21.75 psi

Fitting	Art. no.: 0150001801		
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Deadman controller, Plastic housing

	Art. no.: 0150001401		
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Inflation hose 10 bar/ 145 psi

green	Art. no.: 1000000401		
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Single fitting controller, 10 bar/145 psi

Fitting	Art. no.: 1000000201		
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Foot air pump

Foot air pump 1.5 bar/21.75 psi with safety valve	Art. no.: 0150002800		
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Collection Containers

Collection Containers and Tanks.

Danger reliably eliminated.

When environmentally dangerous or contaminated liquids leak you should be equipped with a pneumatic collection container or a pneumatic collection tank. These practical tools help to avoid something more serious so that you can then reliably implement further measures.

Collection and temporary storage

Simply place the container under the leaking tanker truck and immediately there is a safe reservoir which you can easily pump off. Or use the pneumatic collection container in order to temporarily store the pumped off liquid.

Large vehicle, large container

Due to the fact that today more importance is attached to being prepared for greater damage, we offer you the collection container in especially large sizes. You can then reliably decontaminate trucks and operational vehicles having lengths of 10 and 20 m. We are also willing to produce lengths meeting your required individual size.

The most suitable material depending on the scenario

The containers can be obtained from Vetter in PVC and Alcryn:

- › e.g. PVC is resistive against nitric acid, hydrochloric acid, caustic soda etc.
- › e.g. Alcryn is resistive against ASTM oil No. 1 - 3, gear oil, kerosene, petrol (lead-free) etc.



In operation...

- › After plant accidents
- › For collection and temporary storage of environmentally dangerous liquids
- › With decontamination of persons and/or vehicles



Good reasons:

- › High resistance
- › Self-aligning support frame
- › Quick assembly
- › Flexible application
- › Containers available up to a length of 20 m/64 ft.
- › Special sizes possible
- › Insertion containers available in PVC or Alcryn



Guaranteed quality:

- › Tear-proof material
- › Integrated safety valve prevents over-inflation
- › Low operating pressure of 0.3-0.5 bar/4.35 - 7.25 psi
- › A final inspection
- › Reproducibly inspected (Inspection seal)

Sets

Set PAB 1,000

Description	Art. no.	1510003800
Pneumatic frame PAB 1,000	1510004100	1
Special flexible tank 1,000 l	1510004400	1
Single fitting controller 0.5 bar (7.25 psi)	0050002201	1
Inflation hose 0.5 bar, 5 m, yellow (7.25 psi, 16.4 ft.)	0050000701	1
Set repair material	0050004500	1
Packing bag 110 x 72 x 30 cm (43 x 28 x 12 inch)	3110000700	1

Set PAB 1,500

Description	Art. no.	1510003900
Pneumatic frame PAB 1,500	1510004200	1
Special flexible tank 1,500 l	1510004500	1
Single fitting controller 0.5 bar (7.25 psi)	0050002201	1
Inflation hose 0.5 bar, 5 m, yellow (7.25 psi, 16.4 ft.)	0050000701	1
Set repair material	0050004500	1
Packing bag 110 x 72 x 30 cm (43 x 28 x 12 inch)	3110000700	1

Set PAB 3,000

Description	Art. no.	1510000100
Pneumatic frame PAB 3,000	1510000301	1
Special flexible tank 3,000 l	1510000200	1
Single fitting controller 0.5 bar (7.25 psi)	0050002201	1
Inflation hose 0.5 bar, 5 m, yellow (7.25 psi, 16.4 ft.)	0050000701	1
Set repair material	0050004500	1
Packing bag 110 x 72 x 30 cm (43 x 28 x 12 inch)	3110000700	1

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Set PAB 5,000

Description	Art. no.	1510004000
Pneumatic frame PAB 5,000	1510004300	1
Special flexible tank 5,000 l	1510004600	1
Single fitting controller 0.5 bar (7.25 psi)	0050002201	1
Inflation hose 0.5 bar, 5 m, yellow (7.25 psi, 16.4 ft.)	0050000701	1
Set repair material	0050004500	1
Packing bag 110 x 85 x 40 cm (43 x 33 x 16 inch)	1520004200	1

Set Collection Tub

Description	Art. no.	1513000500
Support frame for Collection tub	1513000600	1
Insertion collection tank	1513000700	1
Set repair material	0050004500	1
Valise (Pack size ca. 80 x 56 x 23 cm/31 x 22 x 9 inch)	1530006900	1

Set Truck Tank 10 m (32 ft.)

Description	Art. no.	1513003200	1513003300 (USA)
Support frame for collection tank 10 m (32 ft.)	1513002900	1	1
Insertion tank 10 m, alcryn (32 ft.)	1510006000	1	1
Pressure regulator 200/300 bar (3,000/4,500 psi)	1600026100	1	--
Pressure regulator 200/300 bar (3,000/4,500 psi) US-version	1600026200	--	1
Set repair material	0050004500	1	1

Set Truck Tank 20 m (64 ft.)

Description	Art. no.	1513003100	1513003400 (USA)
Support frame for collection tank 20 m (64 ft.)	1513003000	1	1
Insertion tank 20 m, alcryn (64 ft.)	1510002200	1	1
Pressure regulator 200/300 bar (3,000/4,500 psi)	1600026100	1	--
Pressure regulator 200/300 bar (3,000/4,500 psi) US-version	1600026200	--	1
Set repair material	0050004500	1	1

Technical data

		1510004100	1510003900	1510000100	1510004000
	Unit	PAB 1,000	PAB 1,500	PAB 3,000	PAB 5,000
Int. size	cm	Ø 145	Ø 170	Ø 225	Ø 280
	inch	Ø 57	Ø 67	Ø 88	Ø 110
Ext. size	cm	Ø 185	Ø 210	Ø 265	Ø 320
	inch	Ø 73	Ø 83	Ø 104	Ø 126
Height	cm	95	95	95	95
	inch	37	37	37	37
Air requirement at 0.3/0.5 bar (4.35/7.25 psi)	l	426	510	705	843
	cu. ft.	15	18	25	30
Capacity	l	1,000	1,500	3,000	5,000
	cu. ft.	35	53	106	177
Weight of set, ca.	kg	23	27	33	44
	lbs	51	60	73	97

All shown articles:

Working pressure 0.5 bar / 7.25 psi
Test pressure 0.65 bar / 9.4 psi

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		1513000500	1513003200 1513003300 (USA)	1513003100 1513003400 (USA)
	Unit	Collection tub	Truck Tank 10 m	Truck Tank 20 m
Int. size	cm	190 x 190	1,000 x 300	2,000 x 300
	inch	75 x 75	394 x 118	787 x 118
Ext. size	cm	250 x 250	1,060 x 360	2,060 x 360
	inch	98 x 98	417 x 142	811 x 142
Height	cm	20	30	30
	inch	8	12	12
Air requirement at 0.3/0.5 bar (4.35/7.25 psi)	l	404	2,717	3,700
	cu. ft.	14	96	170
Capacity	l	720	9,000	18,000
	cu. ft.	25	318	636
Pack size, ca.	cm	140 x 30	--	--
	inch	55 x 12	--	--
Weight of set, ca.	kg	9	85	170
	lbs	20	187	375

All shown articles:

Working pressure 0.3 bar / 4.35 psi
Test pressure 0.39 bar / 5.7 psi

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System Accessory 0.5 bar (7.25 psi)

Inflation hose 0.5 bar (7.25 psi)	5 m/16.4 ft.	10 m/32 ft.	
yellow	Art. no.: 0050000701	Art. no.: 0050001801	
red	Art. no.: 0050001501	Art. no.: 0050002001	

Inflation hose 0.5 bar (7.25 psi)			
yellow with ball valve for direct inflation	Art. no.: 1520016401	1 m/3.2 ft.	

Single controller 0.5 bar (7.25 psi)			
Fitting	Art. no.: 0050002201		

Dual controller 0.5 bar (7.25 psi)			
Fitting	Art. no.: 0050000801		

Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.

Water Tanks

Safe storage of valuable or dangerous material.

It does not matter if it is dirty water or drinking water, with our water tanks you can collect and store after accidents, storms, fires or lack of drinking water.

Open Water Tanks for collection

The open water tanks are made of PVC and equipped with an anodized 2" aluminium flange and a highly stable PVC ball valve. Filling and emptying is made via a 4" Storz connector. The adaptor from Storz A to C is contained in the delivery package.

Closed Water Tanks for storage

The closed water tanks are made of reinforced PVC material and are therefore more stable. As an option the edges of the tank can be fitted with stable holders for ensuring transport on a truck loading area. If required, the tanks can be delivered in packing bags. In addition to the serial version of the closed tank there is also a **food safe** version for storing drinking water.

Technical data Open Water Tanks

		1510010300	1510010400	1510010500	1510010600	1510010700	1510010800
	Unit	OWT 1,000 l	OWT 3,000 l	OWT 5,000 l	OWT 10,000 l	OWT 15,000 l	OWT 20,000 l
Diameter (floor)	m	1.76	2.64	3.04	3.6	4.36	4.82
	inch	69.29	103.94	119.68	141.73	171.65	189.76
Diameter (opening)	m	0.7	1.42	2	2.4	3	3.4
	inch	27.56	55.91	78.74	94.49	118.11	133.86
Height	m	0.8	0.9	1	1.4	1.4	1.5
	inch	31.5	35.43	39.37	55.12	55.12	59.06
Weight	kg	10	16	20	28	36	42
	lbs	22	35.2	44	61.6	79.2	92.4
Art. no. Cover		1510010900	1510011000	1510011100	1510011200	1510011300	1510011400

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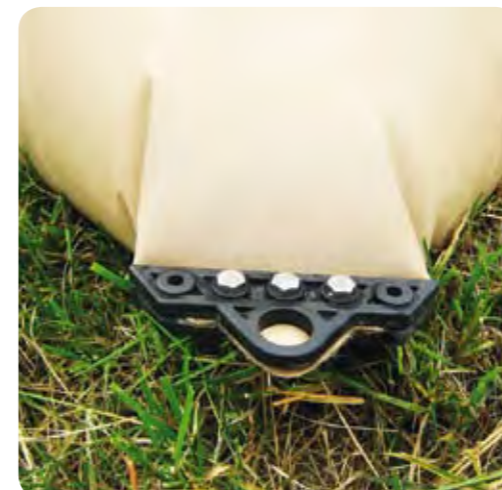
Open Water Tank



Closed Water Tank



Closed Water Tank (food safe with holder)



In operation...

- › Collection and storage of extinguishing water
- › Contaminated extinguishing water
- › Sewage
- › Rain water
- › Ground water
- › Industrial water
- › Dirty water
- › Drinking water
- › With fires
- › With floods
- › With storms
- › With pipe breaks
- › With accidents



Good reasons:

- › Self-erecting
- › No additional support frame necessary (open tank)
- › Low weight
- › Low expenditure in staff
- › Low expenditure in time
- › Operational without any further accessories
- › Serial packing bag, adaptor and repair kit (open tank)
- › Handles and covers as an option



Guaranteed quality:

- › Made of strong resistive PVC
- › Anodized 2" aluminium flange
- › Highly stable PVC ball valve
- › Float ring made of poreless foam (open tank)
- › Temperature resistance range from -30°C to +70°C
- › Final inspection

Technical data

Water Tank closed

	Unit	1510008300 GWT 500 l	1510008400 GWT 1,000 l	1510008500 GWT 2,000 l	1510008600 GWT 3,000 l	1510008700 GWT 5,000 l	1510008800 GWT 8,000 l	1510008900 GWT 10,000 l
Dimensions (empty)	cm	1.5x1.2	2.1x1.5	2.4x2.3	3.4x2.3	3.5x3.1	4.9x3.0	5.5x3.0
	inch	59.1x47.2	82.7x59.1	94.5x90.6	133.9x90.6	137.8x122.1	192.9x118.1	216.5x118.1
Height	cm	0.4	0.45	0.5	0.5	0.6	0.75	0.8
	inch	15.8	17.7	19.7	19.7	23.6	29.5	31.5
Weight	kg	7	9	13	16	21	32	35
	lbs	15.4	19.8	28.6	35.2	46.2	70.4	77
Pack size	m ³	0.02	0.03	0.03	0.07	0.1	0.13	0.14
	cu. ft.	0.71	1.06	1.06	2.47	3.53	4.59	4.94

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Water Tank closed

	Unit	1510009000 GWT 15,000 l	1510009100 GWT 20,000 l	1510009200 GWT 30,000 l	1510009300 GWT 40,000 l	1510009400 GWT 50,000 l	1510009500 GWT 80,000 l	1510009600 GWT 100,000 l
Dimensions (empty)	cm	5.7x4.5	5.9x5.1	6.9x5.9	7.4x7.4	8.6x7.4	10.3x8.9	10.5x10.4
	inch	224.4x177.2	232.3x200.8	271.7x232.3	291.3x291.3	338.6x291.3	405.5x350.4	413.4x409.5
Height	cm	0.8	0.85	0.95	0.95	1	1.1	1.2
	inch	31.5	33.5	37.4	37.4	39.4	43.3	47.2
Weight	kg	52	61	81	107	124	176	208
	lbs	114.4	134.2	178.2	235.4	272.8	387.2	457.6
Pack size	m ³	0.22	0.26	0.35	0.46	0.54	0.77	0.92
	cu. ft.	7.77	9.18	12.36	16.25	19.07	27.2	32.49

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Water Tank food safe

	Unit	1510011500 GWT-L 500 l	1510011600 GWT-L 1,000 l	1510011700 GWT-L 2,000 l	1510011800 GWT-L 3,000 l	1510011900 GWT-L 5,000 l	1510012000 GWT-L 8,000 l	1510012100 GWT-L 10,000 l
Dimensions (empty)	cm	1.5 x 0.9	1.9 x 1.5	2.5 x 1.9	3.7 x 1.9	3.5 x 3.0	4.0 x 3.7	4.6 x 4.0
	inch	59.1 x 35.4	74.8 x 59.1	98.4 x 74.8	145.7 x 74.8	137.8 x 118.1	157.5 x 145.7	181.1 x 157.5
Height	cm	0.4	0.45	0.45	0.5	0.65	0.8	0.9
	inch	15.8	17.7	17.7	19.7	25.6	31.5	35.4
Weight	kg	7	10	14	19	26	35	39
	lbs	15.4	22	30.8	41.8	57.2	77	85.8
Pack size	m ³	0.03	0.04	0.06	0.07	0.1	0.14	0.17
	cu. ft.	1.06	1.41	2.12	2.47	3.53	4.94	6

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Water Tank food safe

	Unit	1510012200 GWT-L 15,000 l	1510012300 GWT-L 20,000 l	1510012400 GWT-L 25,000 l	1510012500 GWT-L 30,000 l	1510012600 GWT-L 40,000 l	1510012700 GWT-L 50,000 l	1510012800 GWT-L 60,000 l
Dimensions (empty)	cm	6.0x4.0	5.8x5.0	7.0x5.0	7.6x5.2	8.0x6.5	8.0x7.8	9.4x7.8
	inch	236.2x157.5	228.4x196.9	275.6x196.9	299.2x204.7	315.0x255.9	315.0x307.1	370.1x307.1
Height	cm	0.9	1	1	1	1	1.1	1.1
	inch	35.4	39.4	39.4	39.4	39.4	43.3	43.3
Weight	kg	54	61	78	95	124	146	172
	lbs	118.8	134.2	171.6	209	272.8	321.2	378.4
Pack size	m ³	0.22	0.26	0.3	0.38	0.46	0.56	0.65
	cu. ft.	7.77	9.18	10.6	13.42	16.25	19.78	22.96

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Water Tank food safe

	Unit	1510012900 GWT-L 70,000 l	1510013000 GWT-L 80,000 l	1510013100 GWT-L 100,000 l
Dimensions (empty)	cm	9.3x9.2	10.2x9.2	11.0x10.5
	inch	366.1x362.2	401.6x362.2	433.1x413.4
Height	cm	1.1	1.2	1.2
	inch	43.3	47.2	47.2
Weight	kg	199	217	247
	lbs	437.8	477.4	543.4
Pack size	m ³	0.75	0.82	1.03
	cu. ft.	26.49	28.96	36.38

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Information about material resistance can be found in our website under www.vetter.de.

Collection Containers GFRP


Space-saving and indispensable.

When dangerous liquids leak and sealing is not possible then the GFRP Vetter collection container must be considered. Here such aggressively acting substances such as acids, alkalines or oils can be collected.

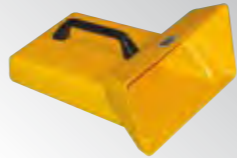
Protection in a pack of nine

The nine containers are made of glass fibre reinforced polyester which is extremely acid resistant. Due to its square shape you are able to place them in each other thus saving space; carefully sealing covers are also contained in the package.

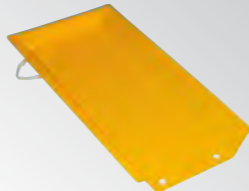
Hazardous Material Container 100 l (3.5 cu.ft.) round

Collection and storage container, stackable, GFRP, smooth inside and outside areas, transparent, fitted with carrying lugs, including tension cover.	Art. no.: 4000000200	Diameter: 59 cm (24 inch) Height: 54 cm (21 inch) Weight: 7.5 kg (16.5 lbs)	
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Hazardous Material Scoop

For scooping very flat areas of liquid, GFR polyester, with handle, smooth inside and outside areas.	Art. no.: 4000002600	Dimensions (LxWxH): 31 x 33 x 13 cm (12 x 13 x 5 inch) Weight: 1 kg (2.2 lbs)	
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Hazardous Material Gutter

For draining of liquids at difficult-to-access positions, GFRP, fitting into each other, connection of individual elements by ratchet locking and clamps. The gutter consists of a head piece (length: 1.13 m/44.5 inch) and 3 individual elements (length of each one: 1.09 m/43 inch). The total length when ready for operation: 4 m/6.5 ft.	Art. no.: 4000000700	Dimensions (LxWxH): 113 x 58 x 13 cm (44.5 x 23 x 5 inch) (fitted into each other) Weight: 10 kg (22 lbs)	
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Accessories can be found at the end of this chapter. Information about material resistance can be found in our website under www.vetter.de.



In operation...

- › Tank leaks
- › Transport and operation defects
- › Collection and storage of dirty water
- › Acids
- › Alkalines
- › Oils



Good reasons:

- › Extremely acid resistant
- › Space-saving due to placing in each other
- › Total capacity of 9,740 l/343.8 cu.ft.
- › High chemical resistance
- › Easy to repair
- › Low weight compared to stainless steel containers
- › Extremely long life cycle



Guaranteed quality:

- › Equipped with stable sealing covers
- › Cover with surrounding sealing

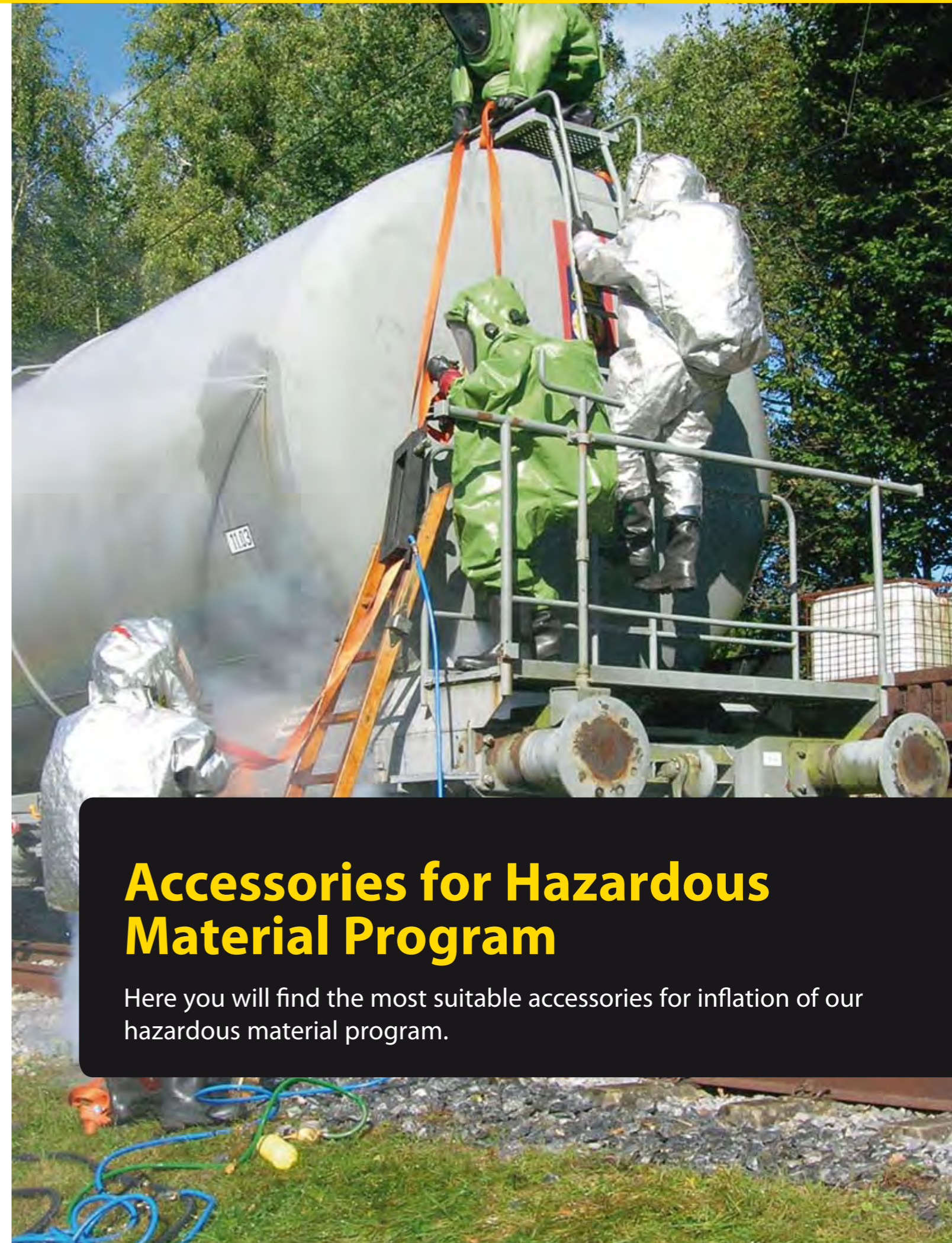
Technical data

		400002800	400002900	400003000	400003100	400003200
	Unit	170 l With cover	260 l With cover	420 l With cover	620 l With cover	860 l With cover
Size including rim	cm	89 x 49	101 x 59	117 x 73	128 x 89	141 x 101
	inch	35 x 19	40 x 23	46 x 29	50 x 35	56 x 40
Height	cm	61.5	66.5	71.5	76.5	81.5
	inch	24	26	28	30	32
Capacity	l	170	260	420	620	860
	cu. ft.	6	9	15	22	30
Weight incl. Cover	kg	12.5	20.5	27	35	45.5
	lbs	27.6	45.2	59.5	77.2	100.3

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		400003300	400003400	400003500	400003600
	Unit	1,210 l With cover	1,610 l With cover	2,050 l With cover	2,540 l With cover
Size including rim	cm	157 x 117	168 x 135	178 x 147	194 x 164
	inch	62 x 46	66 x 53	70 x 58	76 x 65
Height	cm	87.5	92.5	97.5	104.5
	inch	34	36	38	41
Capacity	l	1,210	1,610	2,050	2,540
	cu. ft.	43	57	72	90
Weight incl. Cover	kg	62	77	86	115
	lbs	136.7	169.8	189.6	253

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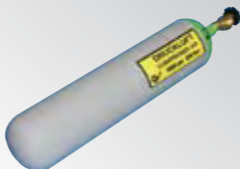

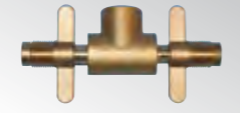



Accessories for Hazardous Material Program

Here you will find the most suitable accessories for inflation of our hazardous material program.


Information about material resistance can be found in our website under www.vetter.de.

Inflation

Inflation with compressed air bottle

Compressed air bottle 1 l / 200 bar, Steel, 5/8" IT= 200 l for quick and safe inflation	Art. no.: 1600010100	
Compressed air bottle 6 l / 300 bar, Steel, 5/8" IT= 1,800 l for quick and safe inflation	Art. no.: 1600010800	
Compressed air bottle 9 l / 300 bar, Steel, 5/8" IT= 2,700 l for quick and safe inflation	Art. no.: 1600019900	
Compressed air bottle 10 l / 200 bar, Steel, 5/8" IT= 2,000 l for quick and safe inflation	Art. no.: 1600010500	
Dual connector 200 bar for simultaneous connection of 2 compressed air bottles (200 bar), thread 5/8"	Art. no.: 1600008400	
Dual connector 300 bar for simultaneous connection of 2 compressed air bottles (300 bar), thread 5/8"	Art. no.: 1600009100	
Pressure regulator 200 / 300 bar with max. output pressure of 12 bar (174 psi)	Art. no.: 1600026100 Art. no.: 1600026200 (USA)	
Two cylinder module protection and carrying rack for 2 compressed air bottles 6 l / 300 bar, without cylinders	Art. no.: 1600011800	
Four cylinder module double 2 cylinder module, plus trolley (Art. no.: 1600011800), without cylinders	Art. no.: 1600011600	

For inflation from other air sources* Hoses


Air-supply hose, 10 m, green (32 ft.)	Art. no.: 1600013401	
Air-supply hose – with shut-off unit, 10 m, green (32 ft.)	Art. no.: 1600013601	

*For every other air source other than the compressed air bottle you will need one of the two green input hoses.

Air source Compressor

Construction-site compressor adaptor	Art. no.: 1600012000	
Adaptor for portable compressor	Art. no.: 1600008200	

Air source brake line of a truck

Truck brake connector, 2 way	Art. no.: 1600007500	
Sealing-off cap	Art. no.: 1600012600	

Air source tyre inflation system

Tyre inflation system adaptor	Art. no.: 1600007800	
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Aire source tyre

Tyre valve connector	Art. no.: 1600012900	
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Air source hand or foot pump

Truck tyre valve	Art. no.: 1600008000	
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Air source fixed compressed air installation

Compressed-air mains connector	Art. no.: 1600008200	
Pre-pressure regulator* , max. input pressure 20 bar (290 psi)	Art. no.: 1600014500	

*Note: If the outgoing pressure of the fixed compressed air installation is higher than the permitted filling pressure of the controller, you have to replace the compressed-air mains connector with this pressure regulator.

Complete set universal connectors

Art. no. 1600012500

Description	Art. no.
Truck brake connector	1600007500
Sealing-off cap	1600012600
Tyre inflation system adaptor	1600007800
Truck tyre valve	1600008000
Tyre valve connector	1600012900
Compressed-air mains connector	1600008200
Air-supply hose, 10 m, green (32 ft.)	1600013401
Air-supply hose – with shut-off unit, 10 m, green (32 ft.)	1600013601
Valise 18 x 40 cm (7 x 16 inch)	1520002500

