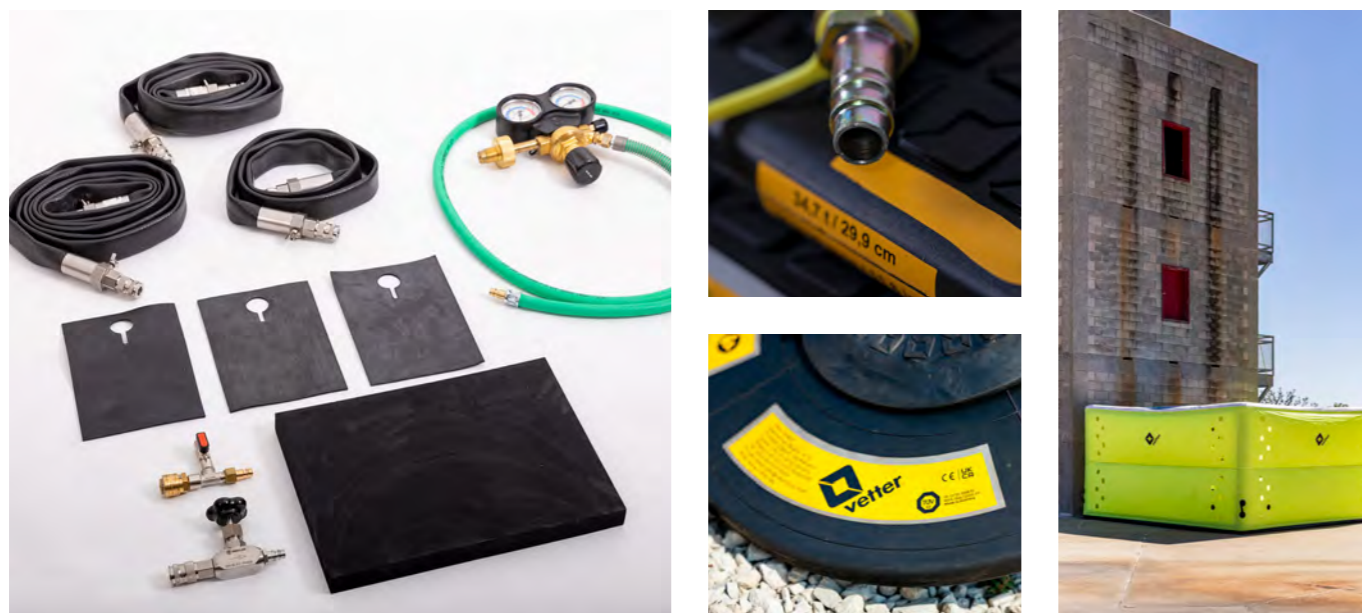


Emergency Pneumatics.

Product catalog

Emergency pneumatics & HazMat





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Lifting Bags



STRES NO. 0815 2708
19.5cm / 7.7 in
12.3 t / 19.5 cm
13.5 t / 19.5 cm
17.7 t / 19.5 cm
19.5 t / 19.5 cm
21.3 t / 19.5 cm
23.1 t / 19.5 cm
24.9 t / 19.5 cm
26.7 t / 19.5 cm
28.5 t / 19.5 cm
30.3 t / 19.5 cm
32.1 t / 19.5 cm
33.9 t / 19.5 cm
35.7 t / 19.5 cm
37.5 t / 19.5 cm
39.3 t / 19.5 cm
41.1 t / 19.5 cm
42.9 t / 19.5 cm
44.7 t / 19.5 cm
46.5 t / 19.5 cm
48.3 t / 19.5 cm
50.1 t / 19.5 cm
51.9 t / 19.5 cm
53.7 t / 19.5 cm
55.5 t / 19.5 cm
57.3 t / 19.5 cm
59.1 t / 19.5 cm
60.9 t / 19.5 cm
62.7 t / 19.5 cm
64.5 t / 19.5 cm
66.3 t / 19.5 cm
68.1 t / 19.5 cm
69.9 t / 19.5 cm
71.7 t / 19.5 cm
73.5 t / 19.5 cm
75.3 t / 19.5 cm
77.1 t / 19.5 cm
78.9 t / 19.5 cm
80.7 t / 19.5 cm
82.5 t / 19.5 cm
84.3 t / 19.5 cm
86.1 t / 19.5 cm
87.9 t / 19.5 cm
89.7 t / 19.5 cm
91.5 t / 19.5 cm
93.3 t / 19.5 cm
95.1 t / 19.5 cm
96.9 t / 19.5 cm
98.7 t / 19.5 cm
100.5 t / 19.5 cm
102.3 t / 19.5 cm
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107.7 t / 19.5 cm
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113.1 t / 19.5 cm
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132.9 t / 19.5 cm
134.7 t / 19.5 cm
136.5 t / 19.5 cm
138.3 t / 19.5 cm
140.1 t / 19.5 cm
141.9 t / 19.5 cm
143.7 t / 19.5 cm
145.5 t / 19.5 cm
147.3 t / 19.5 cm
149.1 t / 19.5 cm
150.9 t / 19.5 cm
152.7 t / 19.5 cm
154.5 t / 19.5 cm
156.3 t / 19.5 cm
158.1 t / 19.5 cm
159.9 t / 19.5 cm
161.7 t / 19.5 cm
163.5 t / 19.5 cm
165.3 t / 19.5 cm
167.1 t / 19.5 cm
168.9 t / 19.5 cm
170.7 t / 19.5 cm
172.5 t / 19.5 cm
174.3 t / 19.5 cm
176.1 t / 19.5 cm
177.9 t / 19.5 cm
179.7 t / 19.5 cm
181.5 t / 19.5 cm
183.3 t / 19.5 cm
185.1 t / 19.5 cm
186.9 t / 19.5 cm
188.7 t / 19.5 cm
190.5 t / 19.5 cm
192.3 t / 19.5 cm
194.1 t / 19.5 cm
195.9 t / 19.5 cm
197.7 t / 19.5 cm
199.5 t / 19.5 cm
201.3 t / 19.5 cm
203.1 t / 19.5 cm
204.9 t / 19.5 cm
206.7 t / 19.5 cm
208.5 t / 19.5 cm
210.3 t / 19.5 cm
212.1 t / 19.5 cm
213.9 t / 19.5 cm
215.7 t / 19.5 cm
217.5 t / 19.5 cm
219.3 t / 19.5 cm
221.1 t / 19.5 cm
222.9 t / 19.5 cm
224.7 t / 19.5 cm
226.5 t / 19.5 cm
228.3 t / 19.5 cm
230.1 t / 19.5 cm
231.9 t / 19.5 cm
233.7 t / 19.5 cm
235.5 t / 19.5 cm
237.3 t / 19.5 cm
239.1 t / 19.5 cm
240.9 t / 19.5 cm
242.7 t / 19.5 cm
244.5 t / 19.5 cm
246.3 t / 19.5 cm
248.1 t / 19.5 cm
250.0 t / 19.5 cm

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S.Tec 12 Lifting Bags (174 psi/12 bar)

The next generation: high-pressure lifting bags

- > 50 % more performance*
- > 0.98 inch (2.5 cm) insertion height
- > up to 112 US tons (102 tonne) lifting power
- > lifting power & height are readable at the side

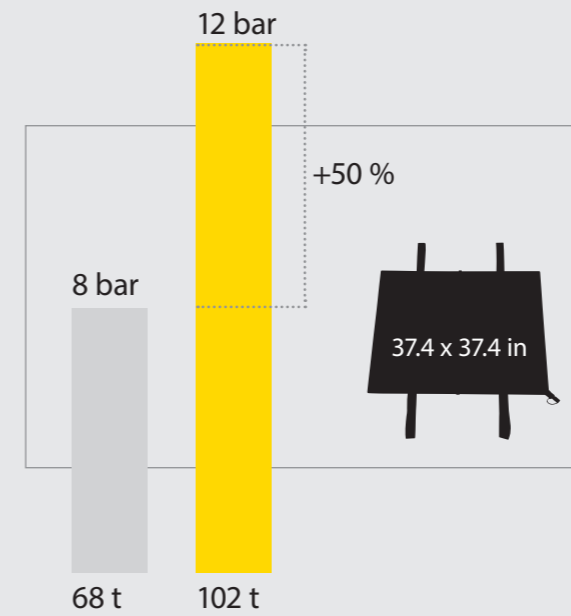
If maximum lifting power combined with low insertion height is required, then our S.Tec 12 Lifting Bags are the right choice. As a further development of our popular Mini Lifting Bags, you only need 0.98 inch insertion height for all models. And with its dynamic 174 psi operating pressure, you can move up to 112 US tons effortlessly. Thanks to the intelligent surface profile, during an assignment you can also safely stack two bags on top of each other to achieve even larger lifting heights.

The challenge of low insertion height & large lifting height

Our S.Tec 12 Lifting Bags and our C.Tec 12 Connectable Bags are the ideal supplement when you require a large lifting height, but the insertion height available is very small. In this case you start with our S.Tec 12 and then use the combinable C.Tec 12 to create the necessary workspace for rescuing persons who are buried. And you can do all this with only one dual controller and one air source.



50 % increase in performance with the same bag size*



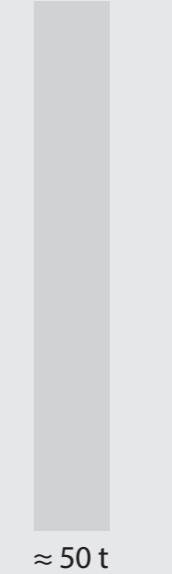
* compared to conventional 116 psi (8 bar) lifting bags

Applies to the following S.Tec 12 Lifting Bags:

V 1, V 5, V 7, V 26, V 33L, V 35, V 59, V 83 and V 102

Same lifting power with smaller and lighter bags*

8 bar + 12 bar



68 t:
33.9 x 33.9 in
/38.14 lbs

102 t:
26.6 x 26.6 in
/26.24 lbs

Applies to the following S.Tec 12 Lifting Bags:

V 10, V 12, V 20, V 40 and V 50



Uniform low insertion height of 0.98 inch (2.5 cm) for all bag sizes



Lifting power up to 112 US tons (102 tonnes)



In operation ...

- > to rescue trapped persons in traffic
- > traffic accidents
- > for rockfalls or landslides
- > collapsed buildings



Good reasons:

- > 50 percent increase in performance*
- > stackable thanks to high-grip surface profile
- > safety coupling
- > Aramid reinforced
- > compatible with 68 t + 102 t filling accessories



Guaranteed quality:

- > individually tested (dated inspection seal)
- > safety factor greater than 4:1
- > complies with DIN EN 13731 (independently tested)
- > 3-year guarantee

S.Tec 12 Lifting Bags (174 psi/12 bar)

The next generation: high-pressure lifting bags

Your choice:

- › 14 different bag sizes (square or rectangular shaped) with lifting power up to 112 US tons (102 tons)
- › 3 controllers (2 deadman versions, 1 fitting)
- › variety of accessories (see page 30)
- › many different compressed air sources (e.g. compressed air cylinder, compressor, compressed air connection on the vehicle)

The S.Tec 12 Lifting Bags you choose depends on the weight of the load to be lifted and the necessary lift distance. We will be pleased to advise you!



Technical data*

Insertion height of only 0.98 inch (2.5 cm)

S.Tec 12 Lifting Bags (174 psi/12 bar)	Lifting power, max.** US tons/t	Max. lifting height inch/cm	Size inch/cm	Air requirement at 174 psi/12 bar cu. ft./litre.	Weight approx. lbs/kg
V 1 1316000200	1.5 1.3	2.9 7.4	5.5 x 5.1 14 x 13	0.2 4	1.1 0.5
V 5 1316000300	5.1 4.6	4.8 12.1	10 x 7.9 25.5 x 20	0.8 23.2	2.9 1.3
V 7 1316000400	8.3 7.5	6.2 15.8	11 x 11 28 x 28	1.9 54	4.4 2
V 10 1316000500	11.1 10.1	7 17.8	12.6 x 12.6 32 x 32	4.3 120.3	5.8 2.6
V 12 1316000600	13.5 12.3	7.7 19.5	13.8 x 13.8 35 x 35	6.8 191.3	6.7 3
V 20 1316000700	22.2 20.2	9.6 24.5	17.3 x 17.3 44 x 44	8.9 253	10.6 4.8
V 26 1316003300	28.5 25.9	10.6 27	18.5 x 20.5 47 x 52	9.9 279	13.7 6.2
V 33 L 1316000800	36.7 33.3	7.6 19.3	12.2 x 40.2 31 x 102	11.4 321.7	17.6 8
V 35 1316000900	38.2 34.7	11.8 29.9	20.5 x 24.4 52 x 62	16.9 479	18.2 8.2
V 40 1316003500	44.5 40.4	13.2 33.5	24 x 24 61 x 61	21.3 603	20.5 9.3
V 50 1316001000	55.2 50.1	14.8 37.5	26.6 x 26.6 67.6 x 67.6	28.2 798.3	26.2 11.9
V 59 1316001100	65.5 59.4	15.5 39.3	30.7 x 27.2 78 x 69	39 1,103.7	30.6 13.9
V 83 1316001200	91.1 82.7	18.3 46.6	33.9 x 33.9 86 x 86	58.1 1,646	42.1 19.1
V 102 1316001300	112 101.6	20.3 51.6	37.4 x 37.4 95 x 95	81.3 2,301.3	50.9 23.1

*Subject to change without notice | **Actual lifting power after deducting the edge area

S.Tec 12 Lifting Bags (174 psi/12 bar):

Operating pressure: 174 psi (12 bar)

Test pressure: 261 psi (18 bar)

Burst pressure, at least: 696 psi (48 bar)

L: rectangular shaped lifting bag

The ideal combination: S.Tec 12 & C.Tec 12 lifting bags can be operated with only one dual controller

S.Tec Lifting Bags sets (174 psi/12 bar)

The world's most popular sets for any application:

Rescue Set: 47 US tons/418kN

106R147

This set is especially versatile and suitable for almost all road applications. Whether lifting vehicles when people are trapped underneath or freeing trapped limbs after traffic accidents, this set is a reliable helper.



The set includes:

- > Lifting bags V 10, V 12, V 20
- > 2 inflation hoses 12 bar, 5 m, yellow and red (174 psi, 16.4 ft.)
- > Air CU lighting, deadman controller
- > Pressure regulator: Inlet pressure 413 bar (6,000 psi)
Outlet pressure 13.78 bar (200 psi)

Emergency Rescue Set: 106 US ton/942 kN

106R148

The emergency rescue set is ideal for the rapid rescue of trapped persons. The multitude of lifting bags lets you react to the lifting weight with great versatility. Use the emergency rescue set to create free space during traffic accidents and natural catastrophes.



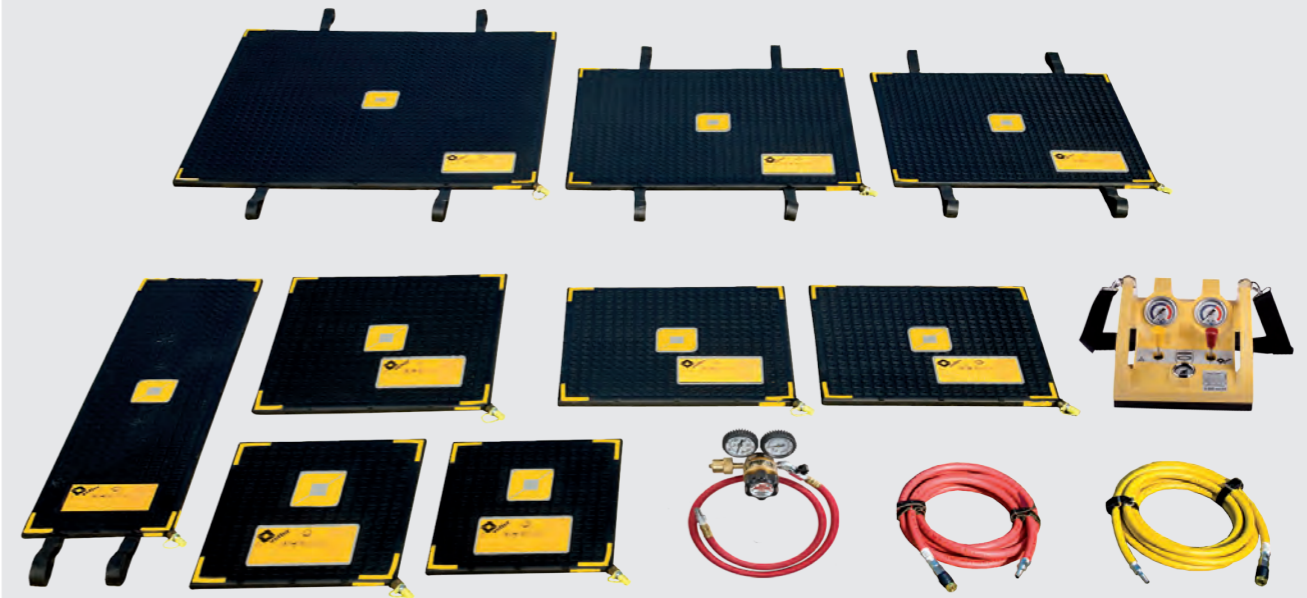
The set includes:

- > Lifting bags V 10, V 12, 2 x V 20, V 33L
- > 2 inflation hoses 12 bar, 5 m, yellow and red (174 psi, 16.4 ft.)
- > Air CU lighting, deadman controller
- > Pressure regulator : Inlet pressure 413 bar (6,000 psi)
Outlet pressure 13.78 bar (200 psi)

Heavy Rescue Set : 320 US ton/2848 kN

106R149

With the heavy rescue set, you have 9 bags in 7 different sizes at your disposal, from little helpers to the big bag with up to 65 US tons (59 tons) of lifting power. With this set, you are ready for everything: traffic accidents with heavy trucks, collapsed buildings and even natural disasters. The heavy rescue set should be available at every major rescue operation.



The set includes:

- > Lifting bags V 10, V 12, 2 x V 20, V 33L, V 35, 2 x V 50, V 59
- > 2 inflation hoses 12 bar, 5 m, yellow and red (174 psi, 16.4 ft.)
- > Air CU lighting, deadman controller
- > Pressure regulator : Inlet pressure 413 bar (6,000 psi)
Outlet pressure 13.78 bar (200 psi)

Connectable Bags C.Tec 12 (174 psi/12 bar)

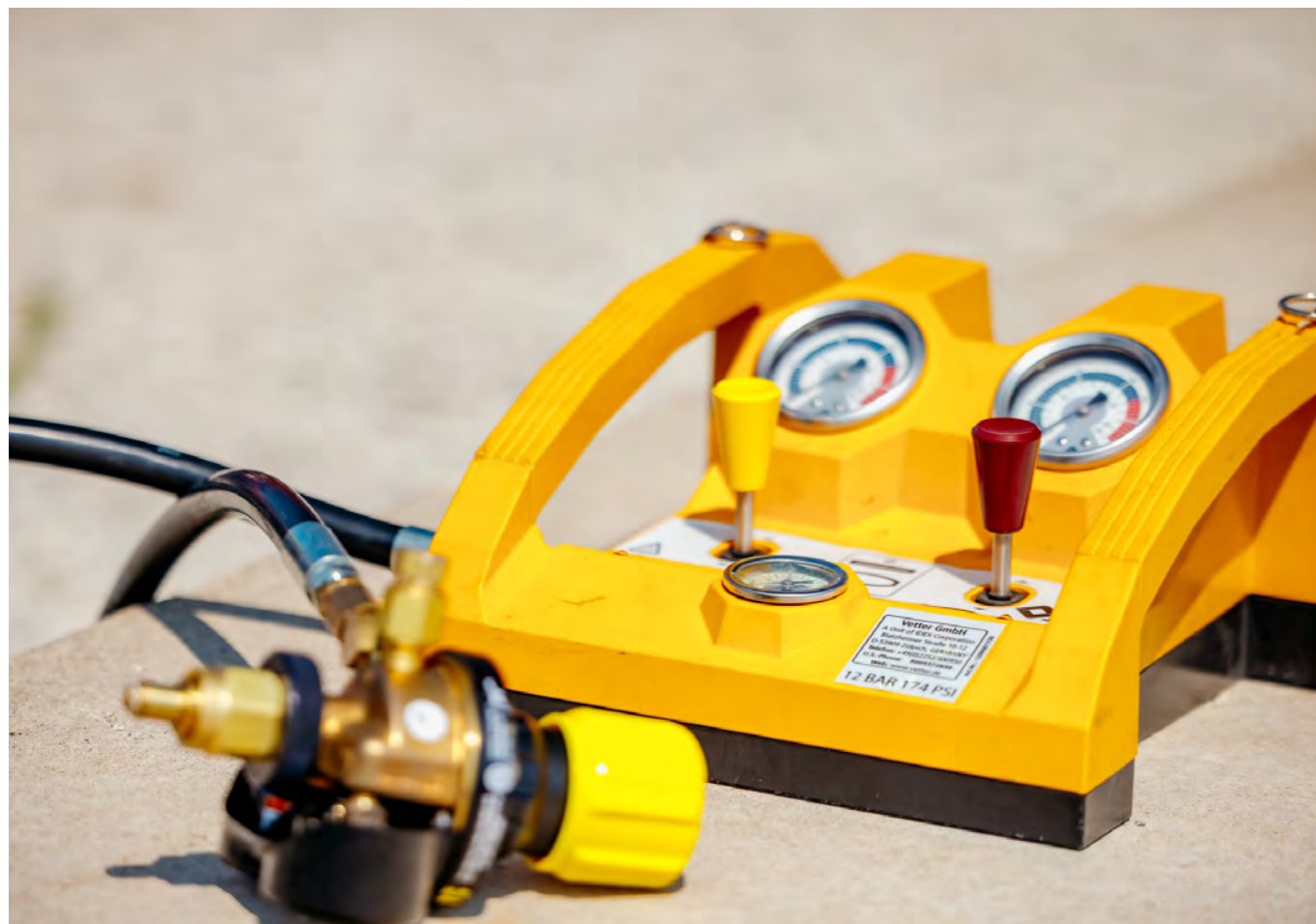
Individually or connected – safe and reliable whatever the assignment

- › up to 30 % weight savings compared to the previous model
- › up to 20 % less air requirement per bag
- › uncomplicated and easy
- › toolless connection technology

Vetter C.Tec 12 Connectable Bags combine the lifting power of the mini lifting bags and the lifting height of the familiar Vetter 1 bar lifting bags. This means you always adapt the required lifting height to the individual operational scenario and at the same time utilise the power of a modern 12-bar system. Thanks to the toolless connection technology, the bags are ready to use in a few seconds. The load plate integrated in the bag ensures a high degree of stability and load capacity during the lifting process. And lifting point loads and objects with a sharp or pointed surface is also possible without additional adapters.

The challenge of low insertion height & large lifting height

Our S.Tec 12 Lifting Bags and our C.Tec 12 Connectable Bags are the ideal supplement when you require a large lifting height, but the insertion height available is very small. In this case you start with our S.Tec 12 and then use the combinable C.Tec 12 to create the necessary workspace for rescuing persons who are buried. And you can do all this with only one controller and one air source.



In operation ...

- › rescuing trapped persons
- › creating accesses
- › natural disasters, collapsed buildings and accidents



Good reasons:

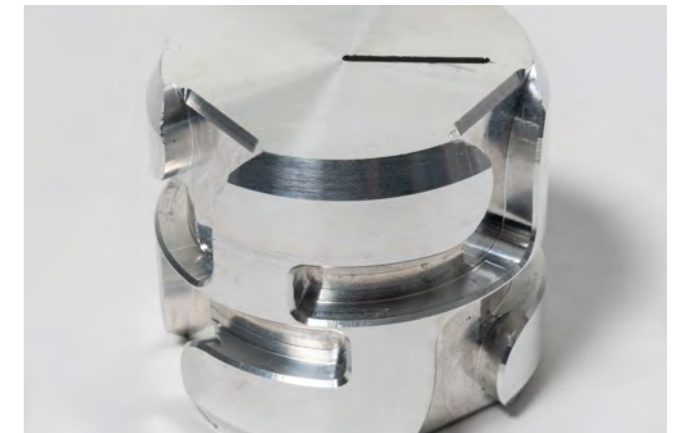
- › conserves resources since little air is required
- › easy to handle
- › toolless connection of the bags
- › bags can be used individually or connected
- › do not need to be emptied for dismantling



Guaranteed quality:

- › individually tested (inspection seal)
- › factor of safety of more than 4:1
- › complies with DIN EN 13731 (independently tested)

Up to 30 % weight savings compared to the previous model!



Connection bolt



New load plate



New filling connection in the edge area

Connectable Bags C.Tec 12 (174 psi/12 bar)

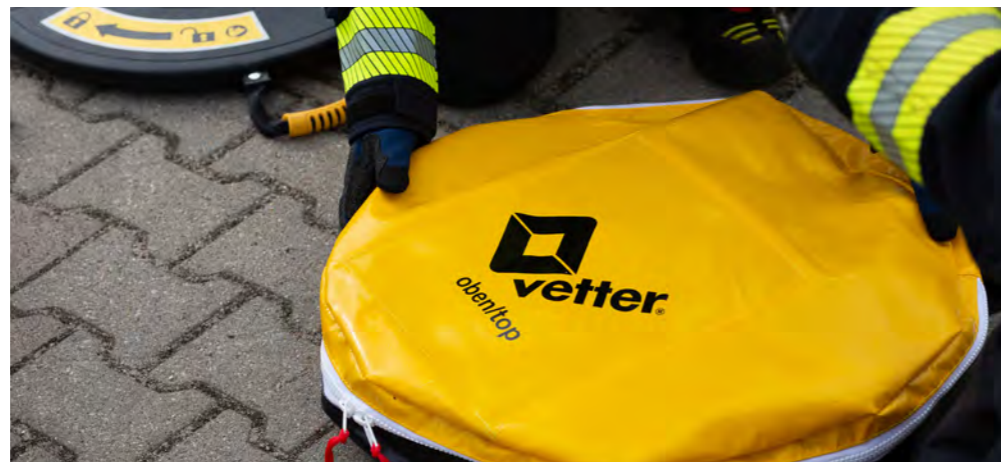
Individual lifting bag sets

You require a lifting bag set that is optimally matched to your needs? We will be pleased to put together an individual set for you. It's your choice:

- > 3 different lifting bag sizes
- > 3 controllers (2 deadman versions, 1 fitting version)
- > variety of accessories (see Page 30)
- > many different compressed air sources (e.g. compressed air cylinder, compressor, compressed air connection on the vehicle)



Accessories trolley



Transport bag

Technical data*

Connectable Bags VCB N 12 bar/174 psi	Lifting power, max.** US tons/t	End lifting capacity, max. US tons/t	Lifting height at end lifting capacity inch/cm	Lifting height, max** inch/cm
VCB 30 N 106R168	33.2 30.1	7 7	7.7 19.5	10.8 27.5
VCB 75 N 106R169	82.3 74.7	13 12	13.1 33.2	17.1 43.5
VCB 172 106R164	189.3 171.8	16 15	23.2 59	27.2 69

*Subject to change without notice | **without load

Connectable Bags VCB N 12 bar/174 psi	Air requirement at 12 bar/174 psi cu. ft./litre	Diameter inch/cm	Weight approx. lbs/kg	Insertion height inch/cm
VCB 30 N 106R168	11.57 328	22.2 56.5	26.5 12	2.8 7
VCB 75 N 106R169	44.75 1,269	35.0 89	49.4 22.4	2.8 7
VCB 172 106R164	178 5,048	53.2 135	127.9 58	4.5 11.5

*Subject to change without notice

Connectable Bags:

Operating pressure: 12 bar (174 psi)

Test pressure: 18 bar (261 psi)

Burst pressure, at least: 48 bar (696 psi)

Combinations – up to 14 possible combinations

	max lifting height in cm**	max lifting height in inch**	A	B	C	D	E	F	G	H	I	J	K	L	M	N
VCB 30 N	27.5	10.8	1	2	3				1	1	1		1		1	
VCB 75 N	43.5	17.1				1	2	3	1	2		1		1	1	
VCB 172	69	27.2									1	1	2	2	1	3
Connection Plug (New)	0	0		1	2		1	2		1						2
Connection Plate (old)	1.5	0.6											1	1		2
Adapter (new to old)	3.0	1.2									1	1	1	1	1	
Total height in cm***			27.5	55.0	82.5	43.5	87.0	130.5	71.0	114.5	99.5	115.5	170.0	186.0	143.0	210.0
Total height in inch***			10.8	21.7	32.5	17.1	34.3	51.4	28.0	45.1	39.2	45.5	66.9	73.2	56.3	82.7

*Subject to change without notice | **without load | ***without protection cap

The ideal combination: S.Tec 12 Lifting Bags & Connectable Bags can be operated with only one compressed air source.

Lifting Bags (14.5 psi/1 bar)

Versatile classic with large lifting height

- › high stability
- › low pressure point loading
- › lifting height up to 50 inch (127 cm)
- › only 1.2 inch (3 cm) insertion height

Our classic lifting bags have assisted you for more than 40 years with the recovery of trucks, delivery vans or small airplanes. Internal stabilising straps prevent the lifting bags from bulging and thus create a flat contact surface over the entire lifting distance. This is the requirement for uniform pressure point distribution – indispensable for the recovery of thin-walled vehicle bodies. The clever anti-slip indentations on the extremely resistant tops and undersides also enable you to use the lifting bags safely and reliably on soft or slippery ground.



Lift overturned vehicles efficiently



Stabilisation straps ensure a flat contact surface



Lift sensitive structures smoothly



In operation ...

- › for rescuing trapped persons
- › at traffic accidents
- › for uprighting overturned thin-walled bodywork



Good reasons:

- › low pressure point loading
- › uniform lifting power over the entire lifting distance
- › working pressure from 1.45 psi to 14.5 psi (0.1 to 1 bar) variably adjustable
- › side panels made of high-quality Aramid



Guaranteed quality:

- › individually tested (inspection seal)
- › factor of safety of at least 3:1
- › complies with DIN EN 13731 (independently tested)
- › 2-year guarantee

Vetter lifting bags (14.5 psi/1 bar) have a uniform insertion height of only 1.2 inch (3 cm).

Lifting bag sets (14.5 psi/1 bar)

Vetter lifting bags are available with deadman or fitting control.

The deadman control returns to the zero position automatically, preventing uncontrolled inflation of the lifting bag.

The fitting control is operated with a ball valve. Careful: The air supply does not stop automatically.

All of the sets described here include the following standard components:

- 2 inflation hoses 1 bar, 5 m, yellow and red (14.5 psi, 16.4 ft.)
- Air CU lighting, deadman controller
- Pressure regulator: Inlet pressure 413 bar (6,000 psi) Outlet pressure 13.78 bar (200 psi)
- Packing bag
- Repair material

Set with deadman controller

Set up to 6.6 US tons (6 tons) **106R153**

2 lifting bags, type 1 / 6, 1 bar (14.5 psi)*

Set up to 9.9 US tons (9 tons) **106R154**

2 lifting bags, type 1 / 9, 1 bar (14.5 psi)*

Set up to 14.3 US tons (13 tons) **106R155**

2 lifting bags, type 1 / 13, 1 bar (14.5 psi)*

Set up to 24.9 US tons (23 tons) **106R156**

2 lifting bags, type 1 / 23, 1 bar (14.5 psi)*

Set with fitting control**

Set up to 6.6 US tons (6 tons) **106R158**

2 lifting bags, type 1 / 6, 1 bar (14.5 psi)*

Set up to 9.9 US tons (9 tons) **106R159**

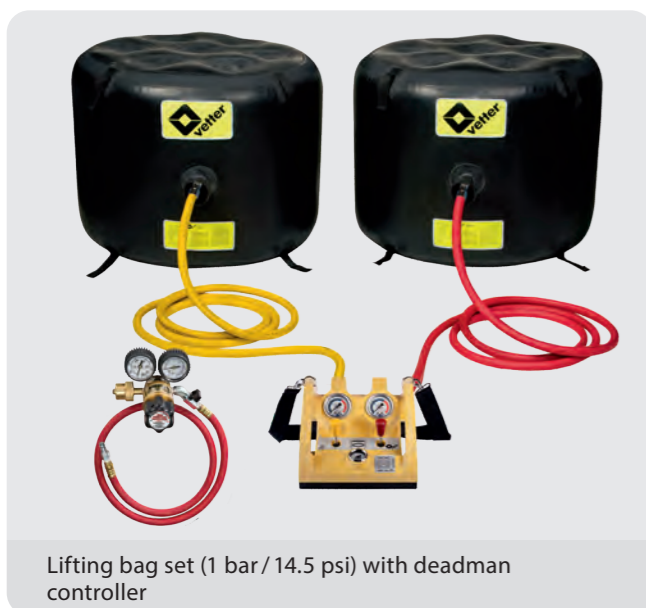
2 lifting bags, type 1 / 9, 1 bar (14.5 psi)*

Set up to 14.3 US tons (13 tons) **106R160**

2 lifting bags, type 1 / 13, 1 bar (14.5 psi)*

Set up to 24.9 US tons (23 tons) **106R161**

2 lifting bags, type 1 / 23, 1 bar (14.5 psi)*



Lifting bag set (1 bar / 14.5 psi) with deadman controller



Lifting bag set (1 bar / 14.5 psi) with fitting control

* 1 bag lifts 50% of the specified total tonnage.

Technical data***

Set with deadman control Note: All kits have Quick Action Couplings

Lifting bags (1 bar / 14.5 psi)	Lifting power US tons	Lifting height, max. inch	Air requirement, at 1 bar / 14.5 psi cu. ft.	Folded size (ø x h) inch	Weight, approx. lbs
Set 1 / 6 106R153	6.6	22	23	25.6 x 8.7	55
Set 1 / 9 106R154	9.9	30	47	31.5 x 8.7	71
Set 1 / 13 106R155	14.3	32	73	37 x 8.7	88
Set 1 / 23 106R156	24.9	50	213	49 x 8.7	128

Set with fitting control** Note: All kits have Quick Action Couplings

Lifting bags (1 bar / 14.5 psi)	Lifting power US tons	Lifting height, max. inch	Air requirement, at 1 bar / 14.5 psi cu. ft.	Folded size (L x W x H) inch	Weight, approx. lbs
Set 1 / 6 106R158	6.6	22	23	25.6 x 8.7	54
Set 1 / 9 106R159	9.9	30	47	31.5 x 8.7	70
Set 1 / 13 106R160	14.3	32	73	37 x 8.7	87
Set 1 / 23 106R161	24.9	50	213	49 x 8.7	127

Single bags Note: All bags have Quick Action Couplings

Lifting bags (1 bar / 14.5 psi)	Lifting power US tons	Lifting height, max. inch	Diameter inch	Air requirement, at 1 bar / 14.5 psi cu. ft.	Weight, approx. lbs
1 / 6 3110002301	3.3	22	24	12	15
1 / 9 3110002001	5.0	30	30	24	20
1 / 13 3110001601	7.2	32	36	37	26
1 / 23 3110000901	12.5	50	47	107	46

Lifting bags (1 bar / 14.5 psi):
Working pressure: 1 bar (14.5 psi)
Test pressure: 1.5 bar (21.75 psi)

Standard insertion height of only 1.2 inch (3 cm).

** In accordance with EN 13731, these items are not approved for fire brigade use in the EU.
*** Technical changes reserved.

Accessories

174 psi (12 bar)

Air CU Lighting

- › Controller 174 psi (12 bar)
- › Deadman control
- › Plastic housing



▶ **Dual deadman controller 1200001700**

Fitting control*

- › 174 psi (12 bar)



▶ **Single 1200001900**

▶ **Dual 1200001800**

Shut-off unit 174 psi (12 bar)

- › Yellow, 1 ft. (0.3 m*)

▶ **1200004100**

- › Blue, 1 ft. (0.3 m*)

▶ **1200006400**

- › Red, 1 ft. (0.3 m*)

▶ **1200004000**



Shut-off unit 174 psi (12 bar*)

▶ **1200004200**



Aluminium-controller

- › Controller 174 psi (12 bar)
- › Connectable
- › Deadman control



▶ **Dual deadman controller 1200005000**

Inflation hose 174 psi (12 bar)

- › Yellow

▶ **16.4 ft. (5 m) 1200002000**

▶ **32 ft. (10 m) 1200002500**

- › Blue

▶ **16.4 ft. (5 m) 1200002100**

▶ **32 ft. (10 m) 1200002600**

- › Red

▶ **16.4 ft. (5 m) 1200002300**

▶ **32 ft. (10 m) 1200002800**



116 psi (8 bar)

Air CU Lighting

- › Controller 116 psi (8 bar)
- › Deadman control
- › Plastic housing



▶ **Dual deadman controller 0800019900**

Fitting control*

- › Control 116 psi (8 bar)

▶ **Single 0800002001**

▶ **Dual 0800002401**



Shut-off unit 116 psi (8 bar)

- › Yellow, 1 ft. (0.3 m*)

▶ **0800007301**

- › Red, 1 ft. (0.3 m*)

▶ **0800007201**



Aluminium-controller

- › Controller 116 psi (8 bar)
- › Connectable
- › Deadman control



▶ **Dual deadman controller 0800015800**

Inflation hose 116 psi (8 bar)

- › Yellow

▶ **16.4 ft. (5 m) 0800000901**

▶ **32 ft. (10 m) 0800007401**

- › Blue

▶ **16.4 ft. (5 m) 0800000601**

▶ **32 ft. (10 m) 0800007801**

- › Red

▶ **16.4 ft. (5 m) 0800001301**

▶ **32 ft. (10 m) 0800007601**



Shut-off unit 116 psi (8 bar*)

▶ **0800005800**



Accessories

14.5 psi (1 bar)

Air CU Lighting

- › Controller 14.5 psi (1 bar)
- › Deadman control
- › Plastic housing



▶ Dual deadman controller 0100005000

Fitting control*

- › Control 14.5 psi (1 bar)



▶ Single 0100001503



▶ Dual 0100001803

Inflation hose 14.5 psi (1 bar)

- › Yellow



▶ 16.4 ft. (5 m) 0100004100
▶ 32 ft. (10 m) 0350007401

- › Red

▶ 16.4 ft. (5 m) 0100004000
▶ 32 ft. (10 m) 0350033500

Shut-off unit 14.5 psi (1 bar*)

▶ 0100000301



Inflating with alternative air source*

Air supply hose

- › green
- › 32 ft. (10 m)
- › with shut-off valve



▶ 1600013601

Truck tire inflation system adapter

▶ 1600007800



Truck tire valve

▶ 1600008000



Truck tire valve connector

▶ 1600012900



HURST Regulator

HURST Regulator

▶ 266R179



Truck brake line

Truck compressed air connector

- › 2-circuit

▶ 1600007500



Sealing-off cap

▶ 1600012600



Inflating using Vetter hand and foot pump

Hand pump

- › 520 ccm/stroke

▶ 1600008700



Foot pump

- › 420 ccm/stroke

▶ 1600009400



Compressor

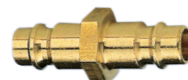
Adaptor for construction site compressor

▶ 1600012000



Adaptor for portable compressor

▶ 1600008200



Stationary compressed air system

Adapter for stationary compressed air system

▶ 1600008200



Pre-pressure regulator

- › max. inlet pressure 232 psi (16 bar**)

▶ 1600014500



Adapter set

Including:

- › 2 x air supply hose, 32 ft. (10 m), green with shut-off valve
- › Truck tire inflation system adapter
- › Truck tire valve
- › Truck tire valve connector
- › Truck compressed air connector
- › Sealing-off cap
- › Adapter for construction site compressor
- › Adapter for stationary compressed air system
- › Bag 7 x 17.7 inch (18 x 45 cm)

▶ 1600012501



Safety Cushions



Safety Cushions SC 50/SC 80*

Rescue from up to 80 ft. (25 metres) height in a flash

- › rescue from up to 8 floors
- › fast set up
- › easy to carry, even when set up
- › psychologically optimised surface

Vetter Safety Cushions are your fastest rescue tool, when a location is difficult to access or if you want to additionally safeguard rescue by ladder. All you need is two rescue workers to make a cushion ready for use and to position it. By the way: Our safety cushions are also a reliable solution for rescuing trapped rescue teams.

What else you should know about the Vetter Safety Cushions:

- › Neon yellow side walls: They make our Safety Cushions even more visible at night or in poor weather conditions.
- › Blue circle: The design of the landing surface verifiably reduces the paralysing fear of jumping of the persons to be rescued. In collaboration with the experienced psychologist Prof. Horst Schuh, many years ago, Vetter developed the blue circle.
- › Only 30 seconds: Our SC 50 Safety Cushion recovers its position in only 30 seconds.

Our safety cushions have been approved by an independent testing facility according to DIN 14151-3. During this testing process, extensive drop tests using different falling weights and positions were conducted, with particular attention paid to examining the risk of injuries. The result: Vetter offers the only certified safety cushion that helps protect the jumper and your personnel from preventable injuries.

Use compressed air cylinders to simply set up the cushion outside of the jump zone and then carry it to the required location. In this way, the rear of buildings and inner courtyards can also be properly safeguarded.



Available in 2 sizes: SC 50 for jump heights up to 51.2 ft./16 m (5 floors) and SC 80 for jump heights up to 80 ft./25 m (8 floors)



Easily to position by 2 people



Prevents jumpers from landing on the ground



Psychologically optimised surface reduces fear



In operation ...

- › for fires in buildings with up to 8 floors/ 80 ft. (25 m) (SC 80)
- › as a safeguard for rescue from heights
- › in terrain inaccessible for turntable ladders
- › in case of suicide attempt



Good reasons:

- › only 2 or 4 persons required for the setup
- › outer cover made of flame-resistant, tear-proof material
- › SC 50 approved to DIN 14151-3
- › SC 80 tested based on DIN 14151-3



Guaranteed quality:

- › individual testing with falling weights
- › dated test seal of approval
- › integrated safety valve
- › 2-year guarantee
- › independently tested

If you would like the test certificates to DIN 14151-3, please contact: 800-537-2659 or hurstcustomerservice@idexcorp.com

SC 50/SC 80 Safety Cushion Sets*

Blue Circle

The design of the landing area was developed in collaboration with the experienced psychologist, Prof. Horst Schuh. It verifiably reduces the paralysing fear of jumping of the persons to be rescued. The neon yellow side walls ensure good visibility of the safety cushion in poor weather conditions and at night.



SC 50 Safety Cushion Set

› Rescue height up to 51.2 ft. (16 metres)

▶ 1530018101

SC 80 Safety Cushion Set

› Rescue height up to 80 ft. (25 metres)

▶ 1530018601

Black Cross

The black cross is the tried and tested basic design of our safety cushions. The neon yellow side panels ensure good visibility of the safety cushion in poor weather conditions and at night.



SC 50 Safety Cushion Set

› Rescue height up to 51.2 ft. (16 metres)

▶ 1530015501

SC 80 Safety Cushion Set

› Rescue height up to 80 ft. (25 metres)

▶ 1530018801

Accessories – Safety Cushions

Inflation hose, for direct connection to compressed air cylinder

▶ on request



Test gauge, for checking the safety cushion

▶ 1530027200



Technical data*

All safety cushions can be used within a temperature range of -68/+122 °F

Safety Cushions SC 50/SC 80	SC 50	SC 80
External size (L x B x H) <i>inch/cm</i>	138 x 138 x 67 350 x 350 x 170	181 x 181 x 94 460 x 460 x 240
Air requirement at 0.3 bar / 0.5 bar <i>cu. ft./litre</i>	48.5 1,374	70.8 2,006
Inflation time, approx. <i>Sec./sek.</i>	30	60
Recovery times <i>Sec./sek.</i>	10	20
Folded size (L x B x H) including 6 l air cylinder <i>inch/cm</i>	34 x 21 x 17 87 x 52 x 44	43 x 25 x 18 110 x 63 x 45
Weight including compressed air cylinder <i>lbs/kg</i>	121 55	183.4 83.2

*Subject to change without notice

SC 50 Safety Cushions:

Operating pressure: 5.4 psi (0.37 bar)

Test pressure: 7 psi (0.48 bar)

SC 80 Safety Cushions:

Operating pressure: 7 psi (0.48 bar)

Test pressure: 9 psi (0.62 bar)

All safety cushion sets include repair material for base and side walls and are delivered in a sturdy packing cover.

Accessories – Safety Cushions

Vacuum adapter for safety cushions and rescue paths

› Connect the quick-action coupling to the air source; the pressure should be between 58 and 87 psi (4 and 6 bar).

› **Only from Vetter:** Up to 30 % space saved and fast packing together

▶ 1600016301





Leak sealing bags

Seal large areas reliably

- › sealing area up to 34 x 22 inch (86 x 57 cm)
- › for containers from 20 inch (50 cm) diameter
- › work quickly and easily
- › sealing of leaks in tanks

Every second counts when hazardous liquids escape from tanks, pipes or drums. Vetter leak sealing bags are therefore optimally designed for fast and easy use at the accident site. You inflate the bag within the shortest possible time with a foot pump. The uniform pressure distribution of the sealing bags protects the structures around the leaks and thus reduces the risk of the leak enlarging. The acid protective covers have an integrated belt pocket and suitable belt slots. You therefore do not have to remove the cover and belts for storage and save valuable time in operation.



Vetter leak sealing bags are available in two versions:

Swivel eyes

Particularly flexible in operation:

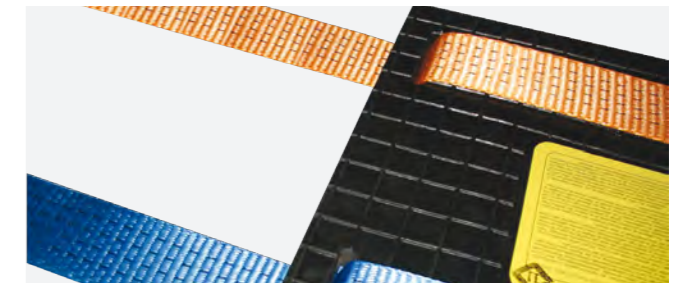
- › can be braced at an angle at temperature up to 194 °F
- › therefore, almost unlimited positioning options



Belt slots

The safe solution in case of a risk of explosion:

- › no metal parts on the belt slot
- › sparking therefore not possible



Acid protective cover for safe use and safe storage

Reliable sealing thanks to the convenient solution with belt slots



In operation ...

- › to cover large areas
- › to seal leaks in tank trucks and wagons
- › to seal large drums and pipes
- › to seal cracks



Good reasons:

- › reinforced, low-expansion cover plate
- › can be used in narrow gaps
- › built-in metal plates for tensile load distribution over the entire bag width



Guaranteed quality:

- › Individually tested (inspection seal)
- › very resistant acid protective cover (PVC)

Leak sealing bag sets

All sets listed here include these components:

- › Foot pump with safety valve, 21.75 psi (1.5 bar)
- › Inflation hose, 21.75 psi (1.5 bar), 32 ft. (10 m), blue
- › 4 tension and extension belts with ratchet, 32 ft. (10 m), orange and blue
- › Acid protective cover, PVC, yellow
- › 2 sealing plates, 24 x 12 x 1.2 inch (60 x 30 x 3 cm)
- › Transport case, 32 x 24 x 9 inch (80 x 60 x 22 cm)



Leak sealing bags with swivel eyes

Leak sealing bags with belt slots

Sealing bags with swivel eyes

Sealing area of 20 x 12 inch (50 x 30 cm)



The leak sealing bag, Type LD 50/30 W, 21.75 psi (1.5 bar), is available as a set with the accessories on page 48. In addition, this set includes 2 ratchet belts (6.6 ft./2 m), 2 attachment belts (16.4 ft./5 m) and 2 tension and extension belts (32 ft./10 m).

150000103



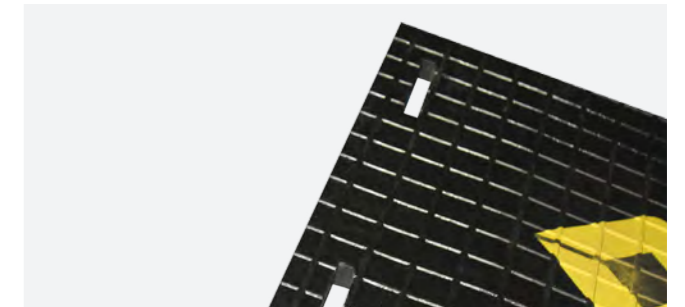
Sealing bags with belt slots

Sealing area of 20 x 12 inch (50 x 30 cm)



The leak sealing bags, Type LD 50/30 S, 21.75 psi (1.5 bar), are available as a set with the accessories listed above on page 48.

1500005302



Use the sealing plates supplied for sharp-edged leak openings. They extend the life of your leak sealing bags.

Special leak sealing bag sets

XL leak sealing bags

Large sealing area of 33.9 x 22.4in



The XL leak sealing bag for large leaks. Suitable for all containers from diameter 35.4 in.

- › Leak sealing bag, Type LD 110/60 S, XL, 21.8 psi/1.5 bar, with belt slots
- › Single control device, 21.8 psi/1.5 bar, fitting control
- › Inflation hose, 21.8 psi/1.5 bar, 32 ft./10 m, blue
- › 6 tension and extension belts with ratchet, 32 ft./10 m, orange and blue
- › 2 sealing plates, 39.3 x 19.7 x 1.2 in
- › Acid protective cover, PVC, yellow

1500018301



XL leak sealing bags with extra-large sealing area

Technical data*

Uniform sealing pressure of 14 mWC

Leak sealing bags	Size (L x W x H) in	Sealing area in	Air requirement at 1.5 bar litre	Single bag weight, approx. lbs	Weight set, approx. lbs
LD 50/30 W 1500005102	24.2 x 11.8 x 0.8	19.7 x 11.8	17.5	15.2	69.9
LD 50/30 S 1500005401	24.2 x 11.8 x 0.8	19.7 x 11.8	17.5	9.5	63.9

*Subject to change without notice

Leak sealing bags:

Operating pressure: 21.8 psi/1.5 bar

W: Swivel eyes | **S:** Belt slots

Test pressure: 28.3 psi/1.95 bar

Special leak sealing bags	Size (L x W x H) in	Sealing area in	Sealing pressure mWC	Air requirement litre	Single bag weight, approx. lbs	Weight set, approx. lbs
LD 110/60 S, XL 1500014500	43.3 x 23.6 x 0.8	33.9 x 22.4	14	190	35.3	87.1

*Subject to change without notice

Special leak sealing bags:

Operating pressure: 21.8 psi/1.5 bar

Test pressure: 28.3 psi/1.95 bar

Mini leak sealing bags

The small, fast leak stoppers

- › fast fixing with Velcro® belts
- › up to 20.3 psi (1.4 bar) counterpressure
- › for containers with 4–35 inch (10–90 cm) diameter
- › supplied in a practical case

Whether liquids or gases – with our mini leak sealing bags you stop leaks in small containers (4 and 35 inch/10–90 cm), quickly and efficiently. And thanks to our safe to use Velcro® fastenings and metal-free tension belts, you can fix the sealing bags even in difficult positions without injuries. The maximum operating pressure of 21.75 psi (1.5 bar) is reached quickly, with only a few strokes of the foot pump – and everything is leaktight.



Mini leak sealing bags with practical Velcro® tension belts for fast and easy fixing

Technical data*

Uniform sealing pressure of 20.3 psi (14 mWC)

Mini leak sealing bags	Size (L x W x H) inch/cm	Sealing area inch/cm	Air requirement at 1.5 bar cu. ft./litre	Weight Single bag, approx. lbs/kg
LDK 10/10 1500008300	6 x 6 x 0.5 15 x 15 x 1.2"	3.7 x 3.7 9.5 x 9.5	0.03 0.8	1.1 0.5
LDK 10/25 1500008500	6 x 12 x 0.5 15 x 31 x 1.2"	3.7 x 10 9.5 x 25.5	0.05 1.3	1.8 0.8
LDK 20/20 1500008600	10 x 10 x 0.5 25 x 25 x 1.2"	7.7 x 7.7 19.5 x 19.5	0.18 5	2.4 1.1

*Subject to change without notice | **In valve area + 0.2 inch (6 mm).

Mini leak sealing bags:

Operating pressure: 21.75 psi (1.5 bar)

Test pressure: 28.5 psi (1.95 bar)

Set weight:

approx. 23 lbs (10.4 kg)



Sealing bags stop leaks in drums

Mini leak sealing bag set

- › Mini leak sealing bags, Type LDK 10/10, 10/25, 20/20
- › Foot pump with safety valve, 21.75 psi (1.5 bar)
- › 2 tension belts, 59 inch (150 cm) and 3 tension belts, 117 inch (300 cm), blue
- › Transport case, 24 x 16 x 7 inch (600 x 400 x 183 mm)

1500009400



Leak sealing lance (21.75 psi/1.5 bar)

The fast first-aid in case of leaks

- › very quickly ready for use
- › can be operated by one person
- › for sealing cracks and holes
- › safe distance from the leak

As the first person on the scene, with the Vetter leak sealing lance you are ready for operation in seconds. It allows you to seal small leaks in storage tanks or tank trucks or wagons in seconds from a safe distance. The wedge and cone bags at the tip of the leak sealing lance reduce the flow rate effectively in 0.6–2.3 inch (15–60 millimetre) cracks and 1.2–3.5 inch (30–90 millimetre) holes. Anti-slip profiles on the bags ensure secure grip. Because it can be operated by only one person, the simply designed sealing lance is a valuable tool on site for the first person to arrive on the scene. This creates more time for further measures to be prepared.



The leak sealing lance can be extended to a maximum length of 55 inch (140 cm) with the help of plug-on hollow PVC rods

Leak sealing lance set with foot pump



- › Wedge bag 6, 8, 11 and cone bag 7 (21.75 psi/1.5 bar)
- › 3 PVC hollow rods @ 14 inch/35 cm
- › PVC hollow rod with chain and nipple
- › Shut-off unit
- › Foot pump with safety valve, 21.75 psi (1.5 bar)
- › Drip shield
- › Transport case, 16 x 12 x 7 inch (400 x 300 x 183 mm)

Standard: 1500009600

Made of chloroprene rubber: 1500027700

Technical data*

Leak sealing lance (21.75 psi/1.5 bar)	Size (L*** x W x H) inch/cm	Air requirement at 1.5 bar cu. ft./litre	Weight, approx. lbs/kg	Leak opening size inch/cm	Width inch/cm
Wedge bags 6 1500009800/1500009801**	9 x 2.4 x 2 23 x 6 x 5	0.05 1.5	0.4 0.2	0.59–1.77 1.5–4.5	2.36–3.54 6–9
Wedge bags 8 1500010000/1500010001**	9 x 8 x 2.2 23 x 8 x 5.5	0.12 3.5	0.7 0.3	0.59–1.77 1.5–4.5	3.15–4.72 8–12
Wedge bags 11 1500010100/1500010101**	9 x 4.3 x 2.8 23 x 11 x 7	0.28 7.8	0.9 0.4	1.8–2.36 3–6	4.33–6.69 11–17
Cone bag 7 1500010200/1500010201**	9 x Ø 2.8 23 x Ø 7	0.11 3	0.4 0.2	1.8–3.54 3–9	–

*Subject to change without notice. | **made of chloroprene rubber | ***Length with coupling + 2.36 inch (6 cm)

Leak sealing lance (21.75 psi/1.5 bar):

Operating pressure: 21.75 psi (1.5 bar)

Test pressure: 28.5 psi (1.95 bar)

Set weight:

approx. 17.9 lbs (8.1 kg)



Seal leaks from a safe distance



In operation ...

- › for cracks from 0.6–2.3 inch (15–60 mm)
- › for holes from 1.2–3.5 inch (30–90 mm)



Good reasons:

- › 1-man operation
- › can be inflated using foot pump
- › adequate distance from the danger zone thanks to 55 inch (140 cm) lance length
- › shut-off valve prevents pressure drop and air loss on uncoupling



Guaranteed quality:

- › individually tested (inspection seal)
- › good chemical resistance
- › extremely flexible rubber

**Ready to use system
in a practical transport case.**

Leak sealing bandages

Seal pipes in seconds

- > sealing area up to 15 inch (38 cm) wide
- > belts mounted directly on the bag
- > for pipes with 2–19 inch (5–48 cm) diameter
- > up to 20.3 psi (1.4 bar) counterpressure

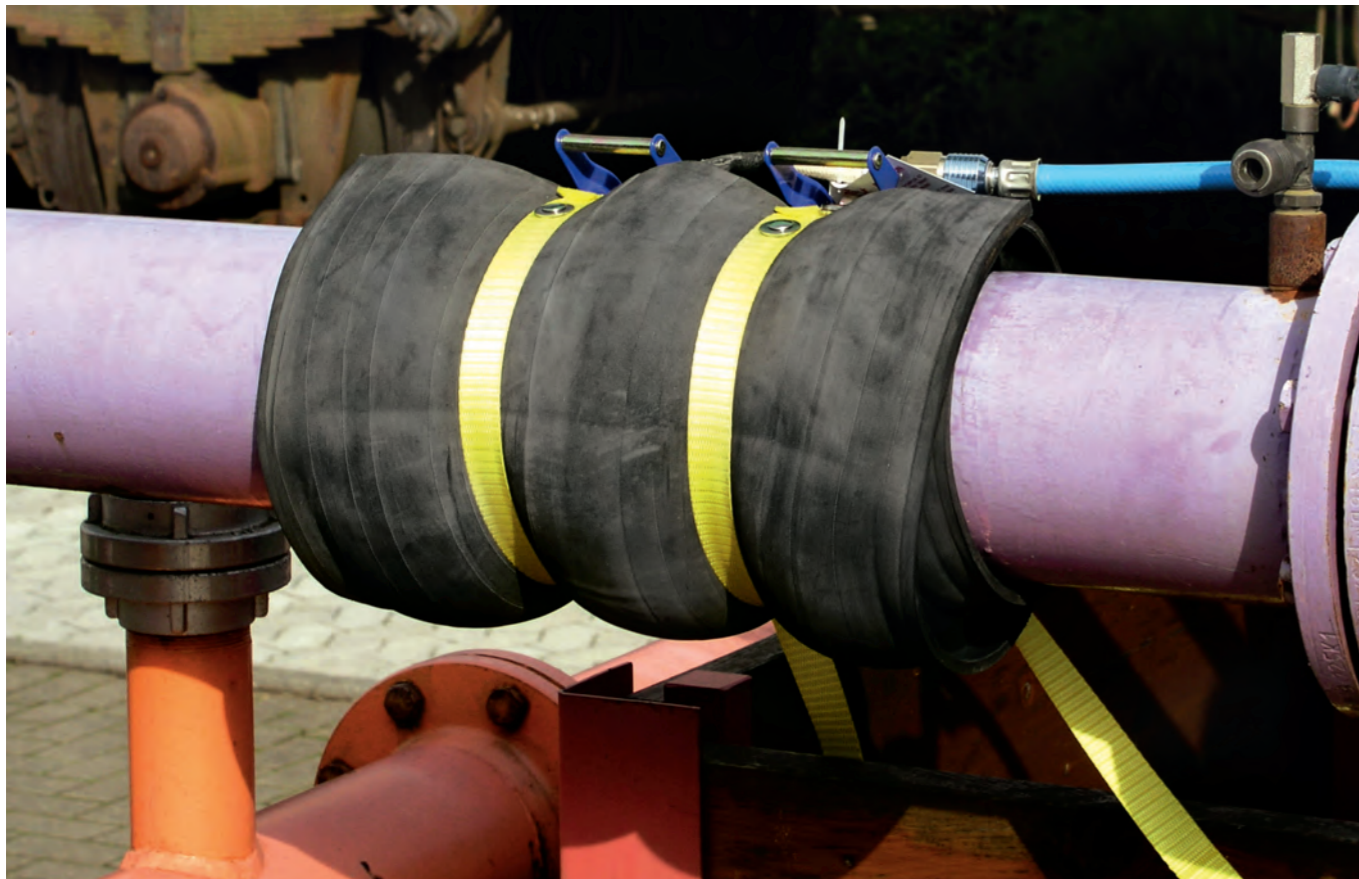
With our Vetter leak sealing bandages you can seal leaks in pipes that occur suddenly. This enables you to act quickly in an emergency. Use of our Vetter leak sealing bandages is also intuitive if you are using them for the first time: Wrap around the leak, tension the belts and inflate the bag. Ready!



Leak sealing bandage 5–20 XL (15 inch wide/38 cm)



Leak sealing bandage 5–20 and 20–48 (7.5 inch wide/19 cm)



Technical data*

Uniform sealing pressure of 20.3 psi (14 mWC)

Leak sealing bandages	Size <i>inch/cm</i>	Wide sealing area <i>inch/cm</i>	Air requirement at 21.75 psi (1.5 bar) <i>cu. ft./litre</i>	Weight single bag, approx. <i>lbs/kg</i>
LB 5–20 1500013900	38.6 x 8.3 98 x 21	7.5 19	0.8 22.5	5.0 2.3
LB 20–48 1500014000	69.9 x 8.3 177 x 21	7.5 19	1.4 40	8.8 4
LB 5–20 XL 1500018200	39.4 x 15.7 100 x 40	15 38	2.7 75	12.3 5.5

*Subject to change without notice.

Leak sealing bandages:
Operating pressure: 21.75 psi (1.5 bar)

Test pressure: 28.5 psi (1.95 bar)

The Vetter foot pump: practical to operate and quickly to hand.

Recommended accessories

Foot pump, 21.75 psi (1.5 bar)
> with safety valve

▶ 0150002800



Inflation and safety hose, 21.75 psi (1.5 bar)
> 32 ft. (10 m), blue

▶ 0150002201



In operation ...

- > for suddenly occurring pipe defects
- > on pipes and round containers with 2–19 inch (5–48 cm) diameters
- > for pipe leakages



Good reasons:

- > can be inflated using foot pump
- > easy handling
- > all-round reliable seal
- > bandage supplied with belts



Guaranteed quality:

- > individually tested (inspection seal)
- > good chemical resistance



High-pressure solutions

Our high-pressure sealing systems are as versatile as the areas in which they are used: Whether you need to seal pipes in hard-to-reach boiler tanks or high-pressure lines - with solutions from Vetter, you are always optimally prepared for emergencies. Like all our products, our high-pressure sealing systems are designed for rapid use and have and have been tried and tested for many years.



High-pressure leak sealing system

Clever hose system for complicated pipe leaks

- › Vetter innovation
- › sealing in the most difficult places
- › for leaks in pipes up to 8 inch (20 cm) diameter
- › 203 psi (14 bar) operating pressure

Our high-pressure leak sealing system is your reliable tool for leaks in narrow or uneven pipes that are difficult to access: The movable hoses lie, precise-fitting against even complicated leaks such as at T-pieces, pipe bends, connection sockets or welds. You need only a compressed air cylinder to inflate the system in a few seconds.

With 203 psi (14 bar) operating pressure



Precise-fitting sealing of difficult leaks

Technical data*

High-pressure leak sealing system	Air requirement at 14 bar <i>cu. ft./litre</i>	Temperature <i>°F/°C</i>	Weight, approx. <i>lbs/kg</i>
1.5 m (59 inch) hose 1500015901	0.4 11.1	-22 up to +176 -30 bis +80	2.5 1.1
2.5 m (98 inch) hose 1500016001	0.7 20	-22 up to +176 -30 bis +80	3 1.4
3.5 m (138 inch) hose 1500016101	1 27.9	-22 up to +176 -30 bis +80	3.9 1.8

**Subject to change without notice*

High-pressure leak sealing system:
Operating pressure: 203 psi (14 bar)
Please note: Pressure regulator required

Weight approx.:
Premium set: approx. 27.1 lbs (12.3 kg)
Basic set: approx. 16.1 lbs (7.3 kg)



Intelligent sealing hose system



Inflated in seconds



In operation ...

- › at T-pieces, pipe bends or problematic connection sockets
- › for leaking liquids in pressurised pipes or fittings



Good reasons:

- › universally usable and easy to operate
- › additional sealing plates for increased resistance
- › sealing hoses electrostatically conductive (ISO 8031/8.97)



Guaranteed quality:

- › individually tested (inspection seal)
- › earthing connection on both sides of the sealing hose couplings
- › all metal parts made of stainless steel

High-pressure leak sealing system

Clever hose system for complicated pipe leaks

Basic set



The basic set contains 1 hose and 1 sealing plate.
The pressure regulator is not included.

- > Sealing hose, 98 inch (2.5 m)
- > Inflation valve and inflation hose
- > FKM sealing plate, 6 x 8 x 0.1 inch (150 x 310 x 3 mm)
- > Bleed valve
- > Transport case, 16 x 12 x 7 inch (400 x 300 x 183 mm)

▶ **1500019000**

Premium set



With the Premium set you are equipped for every operation. It is suitable for many diameters and for sealing several leaks at the same time. The set contains 3 sealing plates and can thus be used for a large bandwidth of hazardous substances.

- > Sealing hose, 59 inch (1.5 m), 98 inch (2.5 m), 138 inch (3.5 m)
- > Inflation valve and inflation hose
- > Pressure regulator, 2,900/4,350 psi (200/300 bar)
- > 3 sealing plates NBR, EPDM, FKM, 6 x 8 x 0.1 inch (150 x 310 x 3 mm)
- > Bleed valve
- > Transport case, 24 x 16 x 7 inch (600 x 400 x 183 mm)

▶ **1500019100**

High-pressure leak sealing bags (174 psi/12 bar)

Reliable against especially high pressures

- > 174 psi (12 bar) working pressure
- > unrivalled on the market
- > sealing area up to 20 x 12 inch (50 x 30 cm)
- > resist against higher internal tank pressure



The high-pressure leak sealing bag withstands higher internal boiler pressures, for example, in chlorine tanks.

- > Leak sealing bags, Type LD 50/30 S, 174 psi/12 bar, with belt slots
- > Single control device, 174 psi/12 bar, fitting control
- > Inflation hose, 174 psi/12 bar, 10 m, green
- > 2 tension and extension belts with ratchet, 10 m, orange and blue
- > Sealing plate, 23.6 x 11.8 x 1.2 in
- > Acid protective cover, PVC, yellow
- > Transport case, 31.5 x 23.6 x 4.7 in

▶ **1500011502**



Technical data*

Special leak sealing bags	Size (L x B x H) inch/cm	Sealing area inch/cm	Sealing pressure psi/mWC	Air requirement cu. ft./litre	Weight Single bag, approx. lbs/kg	Weight Set, approx. lbs/kg
LD 50/30 S, 12 bar*	24 x 12 x 0.8	20 x 12	-	5.4	10.1	48.3
1500011402	61.5 x 30 x 2	50 x 30	-	154	4.6	21.9

*Subject to change without notice

Special leak sealing bags:
Operating pressure: 174 psi (12 bar)

Test pressure: 261 psi (18 bar)

Pipe sealing sleeves

Permanent sealing of leaks in high-pressure pipes

- › up to 232 psi r (16 ba) counterpressure
- › also suitable for continuous use
- › for pipes from 1/2" to 4"
- › with practical test template

Vetter pipe sealing sleeves seal high-pressure pipes up to 232 psi (16 bar) reliably, quickly and purely mechanically, and also withstand aggressive liquids. Simply attach the seal (EPDM) and sleeve loosely next to the leak, push the sleeve over the leak and tighten the four hexagon socket screws using the tool supplied. With our pipe sealing sleeve set you are equipped for leaks in all common pipe sizes from DN 15 (0.6 inch/15 mm) to DN 100 (3.9 inch/100 mm).



Technical data*

Pipe sealing sleeves	Nominal size	for diameter	Size (L x W x H)	Weight, approx.
	inch/mm	DN	inch/mm	lbs/kg
1/2" 1500002301	0.8 21.3	15	5.2 x 2.9 x 1.6 133 x 73 x 40	3.3 1.5
3/4" 1500002401	1.1 26.9	20	5.2 x 3.1 x 2 133 x 80 x 50	3.5 1.6
1" 1500002501	1.3 33.7	25	5.2 x 3.5 x 2.1 133 x 90 x 55	3.9 1.8
1 1/4" 1500002601	1.7 42.4	32	5.2 x 4.1 x 2 133 x 105 x 52	3.9 1.8
1 1/2" 1500002701	1.9 48.3	40	5.2 x 4.3 x 2 133 x 110 x 52	5.1 2.3
2" 1500002801	2.4 60.3	50	5.2 x 5 x 3.1 133 x 125 x 80	5.3 2.4
2 1/2" 1500002901	3 76.1	65	5.2 x 5.3 x 3.9 133 x 135 x 100	7.9 3.6
3" 1500003201	3.5 88.9	80	5.2 x 5.4 x 4.3 133 x 138 x 110	7.9 3.6
4" 1500003301	4.5 114.3	100	5.2 x 7.5 x 5.6 135 x 190 x 142	8.8 4

*Subject to change without notice

Pipe sealing sleeves:

Set weight: approx. 52.3 lbs (23.3 kg)

Pipe sealing sleeves set

- › Set contains 1 each of all 9 sleeve sizes
- › Allen screwdriver
- › Transport case, 16 x 12 x 7 inch (400 x 300 x 183 mm)
- › Test template

▶ 1500002201

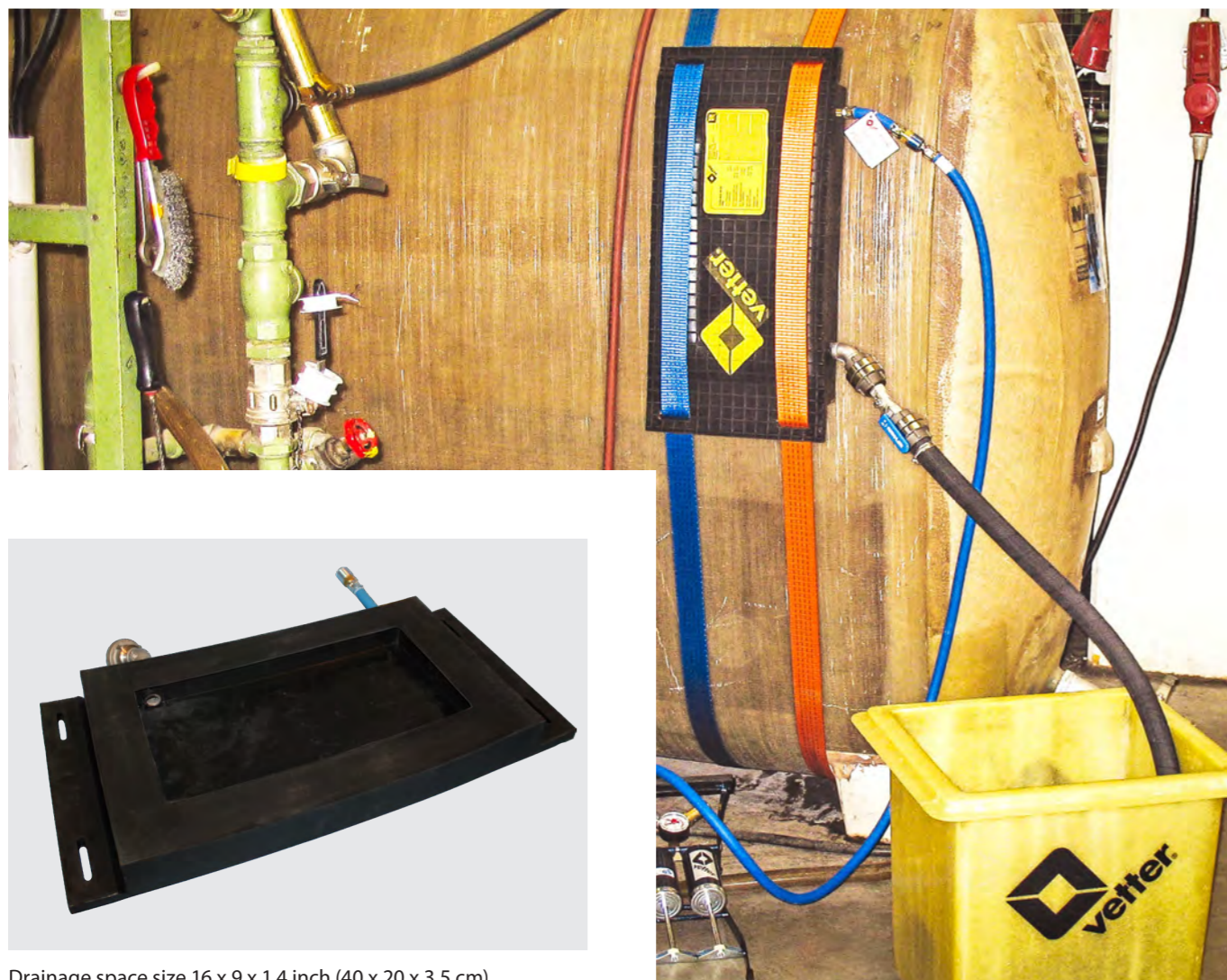


Leak drainage bags (21.75 psi/1.5 bar)

Easy sealing and draining of hazardous materials

- › sealing and discharging
- › for containers from 20 inch diameter (50 cm)
- › sealing area of 20 x 12 inch (50 x 30 cm)
- › up to 14.5 psi (1 bar) counterpressure

Vetter leak drainage bags seal leaks quickly and enable you to drain away the hazardous material reliably via an acid drain hose. They are always used when draining via the opening provided is not possible or only with a great deal of technical effort. This can be necessary, for example, if drain openings are in a high place or in the event of a pump failure. Simply use the pre-installed belts to strap on the Vetter leak drainage bag in the place of use. This enables the bag to be used on many different surfaces. Then inflate it quickly and easily using the foot pump (included in the supply). After a few strokes you have already sealed the leak and can start to safely drain the hazardous material. Use the pneumatic collection containers especially developed by Vetter to collect the hazardous material (P. 78).



Drainage space size 16 x 9 x 1.4 inch (40 x 20 x 3.5 cm)

Technical data*

The drainage bag has a drainage space of 16 x 8 x 1.4 inch (40 x 20 x 3.5 cm).

Leak drainage bags	Size (L x W x H) inch/cm	Sealing area inch/cm	Sealing pressure psi/mWC	Air requirement cu. ft./litre	Weight single bag, approx. lbs/kg	Weight set, approx. lbs/kg
DLD 50/30	24 x 12 x 2.4	20 x 12	14.5	0.1	18.1	70.3
1500006001	62 x 30 x 6	50 x 30	10	2.8	8.2	31.9

*Subject to change without notice

Leak drainage bags:

Operating pressure: 21.75 psi (1.5 bar)

Test pressure: 28.5 psi (1.95 bar)

Leak drainage bag set

- › Leak sealing bag, Type DLD 50/30, 21.75 psi (1.5 bar)
- › Foot pump with safety valve, 21.75 psi (1.5 bar)
- › Inflation hose, 21.75 psi (1.5 bar), 32 ft. (10 m), blue
- › 4 tension and extension belts with ratchet, 32 ft. (10 m), orange and blue
- › Shut-off unit, Size D, stainless steel
- › Acid drain hose, 16.4 ft. (5 m), with D-suction coupling V4A
- › Transport case, 32 x 24 x 9 inch (800 x 600 x 220 mm)

1500005902



In operation ...

- › for sealing and draining hazardous materials
- › in tank trucks and wagons
- › in large drums and pipes



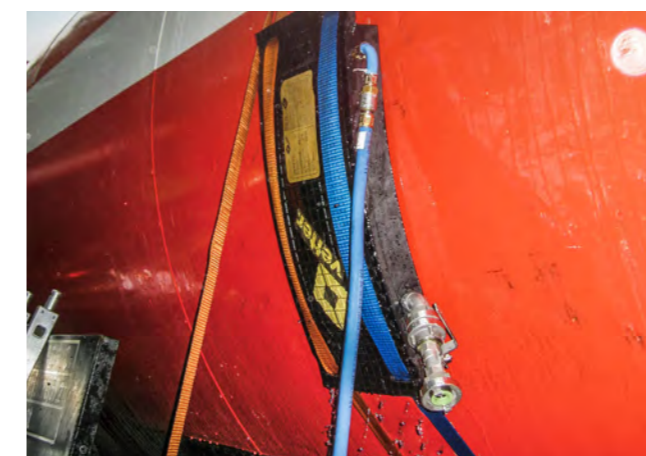
Good reasons:

- › acid drain hose with shut-off unit for controlled drainage
- › gentle pressure distribution across the entire bag width
- › inflated quickly using a foot pump



Guaranteed quality:

- › individually tested (inspection seal)
- › stainless steel connections



Optimally adapts to the surface

Seal leaks reliably and divert the hazardous material at the same time.

Vacuum leak drainage bags

Autonomous draining of dangerous materials within seconds

- › attaches itself quickly by suction
- › fixing without belts
- › drainage space with 8 inch (20 cm) diameter
- › for large containers and storage tanks

Vacuum leak drainage bags seal leaks in clean, smooth or slightly curved surfaces in seconds. By using a vacuum, you do not need any tension belts and can thus intervene directly in an emergency. This saves time-consuming preparations. The optimised, streamlined bag attaches itself around the leak tightly by suction and thus prevents further leaking of liquids or gases. You drain hazardous substances through the bag, quickly and safely – for example, into our versatile collection containers.



Drainage space designed for optimised flow

Technical data*

Vacuum leak drainage bags	Size Ø inch/Ø cm	Drainage space Ø inch/Ø cm	Vacuum psi/bar	Air requirement cu. ft./min. Litre/min	Weight single bag, approx. lbs/kg	Weight set, approx. lbs/kg
DLD 50 VAC 1500007501	19.7 50	7.9 20	6.5 0.45	7 200	11.5 5.2	34.2 15.5

*Subject to change without notice

Vacuum leak drainage bags:

Vacuum generator operating pressure: 6 bar (87 psi)

Vacuum leak drainage bag set

- › Vacuum leak drainage bag, Type DLD 50 VAC
- › Acid drain hose, 16.4 ft. (5 m), with D-suction coupling V4A
- › Shut-off unit, Size D, stainless steel
- › Transport case, 32 x 24 x 4.7 inch (800 x 600 x 120 mm)

1500019700



Small unevenness is not a problem



In operation ...

- › for sealing and controlled drainage of hazardous materials
- › on smooth surfaces
- › on large containers and storage tanks



Good reasons:

- › no belts necessary for fixing
- › vacuum generator with pressure gauge on the bag
- › best flow results due to round shape
- › acid drain hose with shut-off unit



Guaranteed quality:

- › individually tested (inspection seal)
- › stainless steel connections

Flange drainage bags

Precise-fitting system for safe and reliable drainage at flanges

- > completely surrounds the flange
- > for many pipe connections
- > for pipes from DN 50 to DN 100
- > sealing pressure 14.5 psi (1 bar)

Flanges are critical pipe sections, at which use of conventional sealing bags is rarely useful. Vetter flange drainage bags safely and reliably seal difficult leaks in all types of flanges. Simply lay the bag around the flange and pipe, close the zip along its complete length and inflate the sleeves. Minor differences or unevenness on the pipe are easily levelled out by the gel pads supplied. Everything is immediately leaktight. You then drain hazardous liquids in a controlled and safe way – for example, into our versatile collection containers. The flange drainage bags in the three sizes available cover standard pipes and flanges.



Leak in a pipe flange

Technical data*

Uniform sealing pressure of 10 mWC (14.5 psi)

Flange drainage bags	External size Ø inch/Ø cm	Length inch/cm	Air requirement at 1.5 bar cu. ft./litre	Weight single bag, approx. lbs/kg	Weight set, approx. lbs/kg
DN 50 1500006600	8.3 21	35 90	0.1 1.25	6.8 3.1	41.9 19
DN 80 1500019200	8.3 21	35 90	0.1 1.25	6.8 3.1	41.9 19
DN 100 1500023400	9.8 25	36 92	0.1 1.25	7.7 3.5	43.2 19.6

*Subject to change without notice

Flange drainage bags:

Operating pressure: 21.75 psi (1.5 bar)
Test pressure: 28.5 psi (1.95 bar)

All sets are available with:

- > Inflation hose, 21.75 psi (1.5 bar), 32 ft. (10 m), blue
- > Acid drain hose, 16.4 ft. (5 m), with D-suction coupling V4A
- > Foot pump with safety valve, 21.75 psi (1.5 bar)
- > Transport case, 32 x 24 x 8.6 inch (800 x 600 x 220 mm)

Flange drainage bag sets

Unless stated otherwise, all flange drainage bag sets are supplied in a version with 21.75 psi (1.5 bar) and 4 gel sealing pads.

DN 50	1500019600
DN 80	1500019900
DN 100 (6 gel sealing pads)	1500023700



In operation ...

- > for sealing and controlled drainage of hazardous materials on flanges and pipe connections



Good reasons:

- > gas and liquid-tight zip
- > acid drain hose with shut-off unit
- > gel pads for levelling out unevenness included in the scope of supply



Guaranteed quality:

- > individually tested (inspection seal)
- > stainless steel connections

Pipe sealing bags and bypass bags FS

Seal or bypass pipes reliably

- › for pipes up to 55 inch (140 cm) diameter
- › good chemical resistance
- › withstands counterpressure up to 7.25 psi (5 mWC)
- › very high temperature resistance

We developed the Vetter FS pipe sealing bag and FS bypass bag especially for fire services. With the Vetter FS pipe sealing bag you stop hazardous substances very quickly. And with the Vetter bypass bag you impound dangerous liquids or gases and drain them via a fire hose in a controlled way. To this end, both bags individually adapt to pipe diameters up to 140 cm (55 inch). They are also particularly chemical and heat resistant. In this way you reliably protect sewage systems and groundwater from serious contamination.



FS pipe sealing bag connection



FS bypass bag connection with Storz coupling



FS pipe sealing bag



FS bypass bag

Technical data*

FS pipe sealing bag	Pipe diameter <i>inch/cm</i>	Diameter <i>inch/cm</i>	Cylinder length <i>inch/cm</i>	Total length <i>inch/cm</i>	Air requirement <i>cu. ft./litre</i>	Weight, approx. <i>lbs/kg</i>
RDK 7/15 FS 1482000700	3-6 7-15	2.7 6.8	12 30	13.6 34.5	0.3 9.5	1.1 0.5
RDK 10/20 FS 1482000800	4-8 10-20	3.5 9	20 51	21.9 55.5	1 28.8	2 0.9
RDK 20/40 FS 1482000900	8-16 20-40	7.7 19.5	25.8 65.5	27.8 70.5	5.7 160	7.7 3.5
RDK 30/60 FS 1482001000	12-24 30-60	11.6 29.5	28.9 73.5	30.7 78	12.8 362.5	16.1 7.3
RDK 50/100 FS 1482001100	20-40 50-100	17.7 45	43.7 111	46.1 117	53.8 1,525	36.4 16.5
RDK 80/140 FS 1482001200	32-55 80-140	30.9 78.5	71.3 181	73.0 185.5	110.3 3,125	105.8 48

*Subject to change without notice

FS bypass bag	Bypass size	Pipe diameter <i>inch/cm</i>	Diameter <i>inch/cm</i>	Cylinder length <i>inch/cm</i>	Total length <i>inch/cm</i>	Air requirement <i>cu. ft./litre</i>	Weight, approx. <i>lbs/kg</i>
BK 7/15 FS 1483002200	1"	3-6 7-15	2.7 6.8	12 30	14.2 36	0.2 6.4	7.5 3.4
BK 10/20 FS 1483001400	2 1/2"	4-8 10-20	3.8 9.7	19.1 48.5	21.9 55.5	0.8 22.5	7.5 3.4
BK 20/50 FS 1483001500	4"	8-20 20-50	7.7 19.5	21.7 55	26.4 67	5.6 157.5	20.7 9.4
BK 50/120 FS 1483001600	4"	20-47 50-120	17.7 45	36.2 92	37 94	50.1 1,420	115.1 52.2
BK 80/140 FS 1483003400	2"	32-55 80-140	30.9 78.5	71.3 181	76 193	108.6 3,075	152.2 69.0

*Subject to change without notice

FS pipe sealing bags and FS bypass bags:

Operating pressure: 21.75 psi (1.5 bar)

Test pressure: 28.5 psi (1.95 bar)

Test counterpressure: 7.25 psi (5 m water column)

Universal drain sealing bags

Protect sewage systems and groundwater from hazardous substances

- › for drains up to 12 inch (30 cm) diameter
- › in a practical transport case
- › for a counterpressure up to 14.5 psi (10 mWC)
- › good oil and chemical resistance

Stop dangerous liquids from finding a way into the sewage systems or groundwater: Vetter drain sealing bags are ready for use immediately, are easy to position and are absolutely reliable. With the help of a guide rod, you position the universal drain sealing bag directly in the drain outlet. You then inflate the bag quickly and easily using the foot pump (included in the scope of supply). You can then use the sewer inlet as a pump sump to pump away the liquid. You can purchase the universal drain sealing bag in the basic set for one drain size or as a premium set for two drain sizes.

Positioning rod made of V2A!



Universal drain sealing bags

Technical data*

Universal drain sealing bags	Drain outlet, min.–max. inch/cm	Cylinder length inch/cm	Total length inch/cm	Diameter inch/cm	Air requirement at 2.5 bar cu. ft./litre	Weight, approx. lbs/kg
10–15 147000200	4–6 10–15	9.8 25	11.2 28.5	3.5 9	0.5 13	3.3 1.5
15–30 1470001300	6–12 15–30	13.8 35	15.4 39	5.7 14.5	1.8 50	4.9 2.2

*Subject to change without notice

Universal drain sealing bags:

Operating pressure: 36.25 psi (2.5 bar)

Test pressure: 47.1 psi (3.25 bar)

Test counterpressure: 14.5 psi (10 m water column)

Set weight:

Basic set: approx. 28.7 lbs (13 kg)

Premium set: approx. 35.3 lbs (18 kg)

Premium set

- › 2 universal drain sealing bags, Type 10/15, 36.25 psi (2.5 bar)
- › 2 universal drain sealing bags, Type 15/30, 36.25 psi (2.5 bar)
- › Positioning rod, interchangeable, V2A (L: 58.5 inch/1.5 m)
- › Foot pump with safety valve, 36.25 psi (2.5 bar)
- › Transport case, 32 x 24 x 9 inch (800 x 600 x 220 mm)

1470002400



You can only seal up to 12 inch (30 cm) diameter with the premium set!

Basic set

- › 4 universal drain sealing bags, Type 10/15, 36.25 psi (2.5 bar)
- › Positioning rod, interchangeable, V2A (L: 58.5 inch/1.5 m)
- › Foot pump with safety valve, 36.25 psi (2.5 bar)
- › Transport case, 24 x 16 x 7 inch (600 x 400 x 233 mm)

1470002300



Compact drain sealing bags

Seal sewage systems and drains reliably

- › for drains up to 32 inch (80 cm) diameter
- › ready to use in transport case
- › for a counterpressure up to 2.9 inch (2 mWC)
- › good oil and chemical resistance

With the Vetter compact drain sealing bag you seal drains including sewer inlet, quickly and easily. To do this, position the bag in the drain (up to 32 inch/80 cm diameter) and use the compressed air cylinder supplied to inflate it. The bags easily withstand a counterpressure of up to two metre water column head.



Technical data*

Compact drain sealing bags	Drain outlet, min.–max. inch/cm	Cylinder length inch/cm	Total length inch/cm	Diameter inch/cm	Air requirement at 0.5 bar (7.25 psi) cu. ft./litre	Weight, approx. lbs/kg
30–50 146000101	12–20	16	18.1	11.6	4.5	8.2
	30–50	41	46	29.5	128	3.7
50–80 1460001400	20–32	16	18.1	17.7	15	18.3
	50–80	41	46	45	426	8.3

*Subject to change without notice

Compact drain sealing bags:

Operating pressure: 7.25 psi (0.5 bar)

Test pressure: 9.4 psi (0.65 bar)

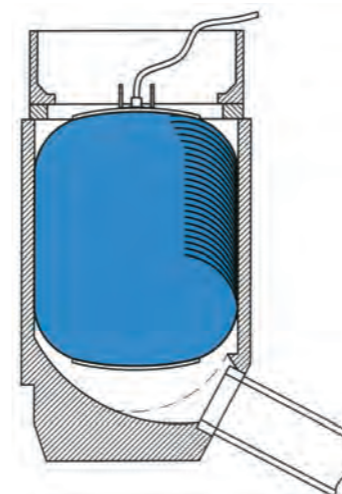
Test counterpressure: 2.9 psi (2 m water column)

Set weight: approx. 25.8 lbs (11.7 kg)

Compact set

- › Compact drain sealing bags, Type 30/50, 7.25 psi (0.5 bar)
- › Inflation and safety fitting
- › Compressed air cylinder, 0.04 cu. ft./2,900 psi (1 l/200 bar) (unfilled)
- › Transport case, 24 x 16 x 8.9 inch (600 x 400 x 233 mm)

1460002400



Compact drain sealing bags

The compressed air cylinder is included in the scope of supply.



In operation ...

- › for leaking chemicals
- › in case of floods
- › for closing off drains



Good reasons:

- › the enclosed compressed air cylinder (refillable) is sufficient to inflate 2 bags
- › inflation fitting can be uncoupled for multiple use
- › retaining strap for lowering and connecting



Guaranteed quality:

- › individually tested (inspection seal)
- › ozone resistant
- › good oil and chemical resistance

Accessories

21.75 psi (1.5 bar)

Inflation hose, 21.75 psi (1.5 bar)

- > 32 ft. (10 m)
- > Blue



015000101

Fitting control

- > Control device, 1.5 bar i (21.75 ps)



Dual 0150001801



Single 0150002101

Inflation and safety hose, 21.75 psi (1.5 bar)

- > 32 ft. (10 m)
- > Blue



0150002201

Foot pump, 21.75 psi (1.5 bar)

- > With safety valve



0150002800

174 psi (12 bar)

Inflation hose, 174 psi (12 bar)

- > 32 ft. (10 m)
- > Green



1500011302

Single control device, (174 psi)

- > Fitting control



1200001900

Inflate with alternative air source*

Air supply hose

- > 32 ft. (10 m)
- > With shut-off valve
- > Green



1600013601

Truck tire inflation system adapter

1600007800



Truck tire valve

1600008000



Truck tire valve connector

1600012900



HURST Regulator

HURST Regulator

266R179



Truck brake line

Truck compressed air connector

- > 2-circuit system

1600007500



Sealing-off cap

1600012600



Stationary compressed air system

Adapter for stationary compressed air system

1600008200



Pre-pressure regulator

- > Max. inlet pressure, 232 psi (16 bar**)

1600014500



*You require the green supply hose for all air sources except the compressed air cylinder.

**Note: If the outlet pressure of the compressed air system exceeds the allowable inflation pressure of the controller, the adapter must be replaced with a pre-pressure regulator.

Accessories

Inflate using Vetter hand and foot pump

Hand pump

> 520 ccm/stroke

▶ 1600008700



Foot pump

> 420 ccm/stroke

▶ 1600009400



Adapter set

The complete set with all adapters and valves listed below is available under the following article number:

▶ 1600012501

The set contains:

- > 2 x air supply hose, 32 ft. (10 m), green with shut-off valve
- > Truck tire inflation system adapter
- > Truck tire valve
- > Truck tire valve connector
- > Truck compressed air connector
- > Sealing-off cap
- > Adaptor for construction site compressor
- > Adapter for stationary compressed air system
- > Bag 7 x 17.7 inch (18 x 45 cm)



Compressor

Adaptor for construction site compressor

▶ 1600012000



Adaptor for portable compressor

▶ 1600008200





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Vetter is part of the international IDEX Corporation. This corporation invests in successful medium-sized companies in highly specialised markets. All members of the group are characterised by their technical orientation and high innovative strength.

As our customer, you benefit twice over: On the one hand, from our international application knowledge and, on the other hand, from the intensive know-how transfer within the group of companies. Because this know-how flows directly into the development of Vetter's thought-out and high-performance products.



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- ▶ Truck recovery
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We will certainly be able to help you.

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