

VETTER LEAK SEALING BAGS

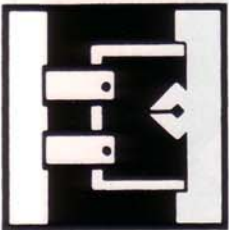
1.5 bar and 6.0 bar (21.75 and 87.6 psi)



Vetter Leak Sealing Bags do their job swiftly, plugging sudden leakages from tanks, drums, pipes or road or rail tankers with diameters greater than 48 cm (19 in.)

Both bag types are equipped with swivel eyes, which can be fastened at all angles, or non-sparking belt slits. They require a working pressure of only 1.5 bar (21.75 psi), reducing the risk of

additional damage to the container wall. Leakages in thick-walled containers with interior pressure rising to 5.8 bar (84.7 psi) are best plugged with 6 bar (87.6 psi) Leak Sealing Bags.



APPLICATIONS:

Plugging leaks on pipes, containers, road or rail tankers, drums and storage tanks with diameters greater than 48 cm (19 in.)

SIZE:

- 1 size with a sealing surface of 50 x 30 cm (20 x 12 in.)
- 3 Types:
- Leak Sealing Bag 1.5 bar (21.75 psi), with swivel eyes
Type LD 50/30 W (LS 20/12 S)
 - Leaking Sealing Bags 1.5 bar (21.75 psi), with belt guiding slits
Type LD 50/30 S (LS 20/12 B)
 - Leak Sealing Bags 6.0 bar (87.6 psi), with belt guiding slits
Type LD 50/30 S (LS 20/12 B)

ADVANTAGES:

Patented, reinforced and low-stretch top plate concentrates the sealing pressure on the highly stretchable sealing plate

Integrated metal plates at both ends to distribute tensile load over entire bag width

Flat design, usable in small gaps

Inflatable with hand or foot pump (small air requirement, nominal content of only 7 litres (0.25 cu.ft.))

1.5 bar (21.75 psi):

Seal effectively even at a backpressure of 14 mWH (1.4 bar/ 20 psi)



Operate with only 1.5 bar (21.75 psi) of compressed air, reducing the risk of damaging the tank through excess pressure

6.0 bar (87.6 psi):

Seal even at backpressure of 5.8 bar (84.7 psi)

Ultra-low stretch top plate with steelcord reinforcement

THREE TYPES:

Leak Sealings Bags 1.5 bar (21.75 psi) **with swivel eyes**
Type LD 50/30 W (LS 20/12 S)
as highly mobile fasteners allowing bags to be spread and tensioned at all angles

The bag is drawn tightly over the leak

Leak Sealing Bags 1.5 bar (21.75 psi) **with belt guiding slits**
Type LD 50/30 S (LS 20/12 B)
No sparking swivel eyes

No metal fittings

Very flat

Lightweight 4.2 kg (9.3 lbs)

The ratchet belts press the bag down on the leak

Only one belt type in two colours

The fastening belt can also serve as an extension belt

Leak Sealing Bag 6 bar (87.6 psi) **with belt guiding slits**
Type LD 50/30 S (LS 20/12 B)

High: 1.97 in.

Weight: 22 lbs

Very high tensile strength
min. 11,020 lbs tensile force

NB: Not to be used on plastic tanks, only on thick-walled metal tanks withstanding loads of 8 kg/cm² (17.6 lbs/0.16 sq.in.)



COMPLETE SET:

Set Vetter Leak Sealings Bag 1.5 bar (21.75 psi), Type LD 50/30 W (LS 20/12 S) (with swivel eyes)

Art.-No.: 150 00 000

consisting of:

- 1 x Foot pump with safety valve 1.5 bar (21.75 psi)
- 1 x Inflation hose, 10 m (32.8 ft.), blue with chain and deflation nipple
- 1 x Leak Sealing Bag, Type LD 50/30 W (LS 20/12 S), with swivel eyes
- 1 x Ratchet belt, 2 m (6.6 ft.), orange
- 1 x Ratchet belt, 2 m (6.6 ft.), blue
- 1 x Fastening belt, 5 m (16.4 ft.), orange
- 1 x Fastening belt, 5 m (16.4 ft.), blue
- 1 x Tensioning and extension belt, 10 m (32.8 ft.), orange, with ratchet
- 1 x Tensioning and extension belt, 10 m (32.8 ft.), blue, with ratchet
- 2 x Sealing plates, 600 x 300 x 30 mm (24 x 12 x 1 in.), CR
- 1 x Sealing plate, 1,000 x 300 x 30 mm (38 x 12 x 1 in.), CR
- 1 x Anti-acid protective cover, PVC, yellow for LD 50/30 W (LS 20/12 S)

Weight: 25 kg (55 lbs)



Set Vetter Leak Sealing Bag 1.5 bar (21.75 psi), Type LD 50/30 S (LS 20/12 B) (with belt guiding slits)

Art.-No.: 156 00 000

consisting of:

- 1 x Foot pump with safety valve 1.5 bar (21.75 psi)
- 1 x Inflation hose, 10 m (32.8 ft.), blue with chain and deflation nipple
- 1 x Leak Sealing Bag, Type LD 50/30 S (LS 20/12 B) with belt guiding slits
- 2 x Tensioning and extension belts, 10 m (32.8 ft.), orange, with ratchet
- 2 x Tensioning and extension belts, 10 m (32.8 ft.), blue, with ratchet
- 2 x Sealing plates, 600 x 300 x 30 mm (24 x 12 x 1 in.), CR
- 1 x Sealing plate, 1,000 x 300 x 30 mm (38 x 12 x 1 in.), CR
- 1 x Anti-acid protective cover, PVC, yellow for LD 50/30 S (LS 20/12 B)

Weight: 16.9 kg (37 lbs)



Set Vetter Leak Sealing Bag 6.0 bar (87.6 psi), type LD 50/30 S (LS 20/12 B)

(with belt guiding slits)

Art.-No.: 159 00 000

consisting of:

- 1 x Single controller 6 bar (87.6 psi),
- 1 x Inflation hose, 10 m (32.8 ft.), green
- 1 x Leak Sealing Bag, type LD 50/30 S (LS 20/12 B), 6 bar (87.6 psi), with belt guiding slits
- 2 x Tensioning and extension belt, 10 m (32.8 ft.), 60 mm (2.4 in.), yellow, with ratchet
- 1 x Sealing plate, 600 x 300 x 30 mm, (24 x 12 x 1 in.), CR
- 1 x Anti-acid protective cover, PVC, yellow, for LD 50/30 S (LS 20/12 B), 6 bar (87.6 psi)

Weight: 17.7 kg (39 lbs)





SAFETY:

Labelled with brief operating instructions

All bags are tested at one-and-a-half times their working pressure

10 m (32.8 ft.) hose for inflation from a safe distance

Smooth sealing surface and rippled top, for easy identification in bad light

Very low-stretch belt (max. 4 %)

1.5 bar (21.75 psi):

1.5 bar (21.75 psi) coupling system - allowing connection of a 1.5 bar (21.75 psi) system into a 2.5 (36.25 psi) or 8 bar (116 psi) system but not vice-versa.

TECHNICAL DATA:

Type		LD 50/30 W LS 20/12 S	LD 50/30 S LS 20/12 B	LD 50/30 S 6 bar LD 20/12 B (87.6 psi)
Art.-No.		155 01 000	156 01 000	159 01 000
Size (l x w x h*)	cm (in.)	69 x 31 x 2 (24 x 12 x 0.8)	61.5 x 30 x 2 (24 x 12 x 0.8)	61.5 x 30 x 5 (24 x 12 x 2)
Sealing surface 180	cm (in.)	50 x 30 (20 x 12)	50 x 30 (20 x 12)	50 x 30 (20 x 12)
Working pressure max.	bar (psi)	1.5 (21.75)	1.5 (21.75)	6 (87.6)
Test pressure	bar (psi)	1.95 (28)	1.95 (28)	7.8 (113)
Sealing pressure max.	bar (mWH)	1.4 (20)	1.4 (20)	5.8 (84)
Nominal content	l (cu. ft.)	7.0 (0.2)	7.0 (0.2)	7.0 (0.2)
Air requirement	l (cu. ft.)	24.5 (0.86)	24.5 (0.86)	63 (6.8)
Weight	kg (lbs)	6.9 (15)	4.2 (9)	10 (22)

Table of chemical-resistant values on request

MATERIAL: C

Top plate reinforced with polyamide fabric (1.5 bar [21.75 psi])

Top plat with steelcord reinforcement (6 bar [87.6 psi])

Anti-static, self-extinguishing

Oil and ozone-resistant

Good resistance to chemicals

Heat-resistant up to 115°C/271°F (short term) or 95°C/203°F (long term)

Polyester belts 50 mm (2 in.) wide, permissible tensile load 4,000 kg (8,816 lbs) for 1.5 bar (21.75 psi)

Belts in two different colours

AIR SOURCES:

Compressed-air cylinders 200 or 300 bar (3,000 or 4,500 psi)

Compressed-air mains

Compressor

Truck tyre inflator

Truck braking system

Hand and foot pump

ACCESSORIES:

Pressure regulator 200/300 bar (3,000/4,500 psi)

Single controller 1.5 bar (21.75 psi) with pressure gauge and shut-off and safety valve to prevent overinflation

Tensioning and extension belts 10 m (32.8 ft.) long

Universal connector kit

Foot pump with safety valve 6 bar (87.6 psi)