

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 9 bar (131 psi) are best plugged with 10 bar (146 psi) Leak Sealing Bags.

VETTER 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.)

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

10 bar (146 psi):

Seal even at backpressure of 90 mWH (9 bar/131 psi)

Ultra-low stretch top plate with steelcord reinforcement



THREE TYPES:

Leak Sealing Bag 1.5 bar (21.75 psi) with swivel eyes

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

The bag is drawn tightly over the leak

Leak Sealing Bag 1.5 bar (21.75 psi) with belt guiding slits

Type LD 50/30 S (LS 20/12 B)
1.5 bar (21.75 psi)
Non-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 with belt guiding slits

Type LD 50/30 S (LS 20/12 B)

5 cm (1.9 in.) high

Weight 10 kg (22 lbs)

Highly tear-resistant belts, min. 5,000 kg (11,020 lbs) drawing 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.)

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.

Example: the controller with 8 bar (116 psi) safety valve does not fit couplings of 1.5 bar (21.75 psi) Sealing Bags;

the air-supply coupling system (pressure reducer, set of adapters) cannot circumvent the controller and be connected direct to the Leak Sealing Bag

1.5 bar (21.75 psi) coupling system, compatible with all Leak Stoppers and accessories

10 bar (146 psi):

10 bar (146 psi) coupling system

Single controller with pressure gauge, safety valve and shut-off unit prevents inadvertent over-inflation

MATERIAL:

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

Top plate with steelcord reinforcement 10 bar (146 psi)

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

Polyester belts 50 mm (2 in.) wide, permissible tensile load 5,000 kg (11,020 lbs) for 10.0 bar (146 psi)

Belts in two different colours
Materials list (See pp 72/73)



COMPLETE SET:

Set Vetter Leak Sealing 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 10.0 bar (146 psi), Type LD 50/30 S (LS 20/12B) (with belt guiding slits)

Art.-No.: 159 00 000

Consisting of:

- 1 x Single controller 10 bar (146 psi),
 - 1 x Inflation hose, 10 m (32.8 ft), green
 - 1 x Leak Sealing Bag, type LD 50/30 S, 10 bar (146 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, 10 bar (146 psi)
- Weight: 17.7 kg (39 lbs)

