

VETTER LEAK SEALING LANCE 1.5 bar (21.75 psi)



The Vetter Leak Sealing Lances are for fast sealing of leaks in storage tanks or road or rail tankers by a single person. The extendable lance (with three extensions for safe operation) allows the operator to mount

wedge-type or cone-type bags in and beneath cracks, 15 to 60 mm (0.6 to 2.5 in.), and holes, 30 to 90 mm (1.2 to 3.5 in.) in diameter, and plug leaks quickly.

The bags are made of highly flexible material with an anti-slip profile. They require a minimum of air to do their job, and are quickly inflated to working pressure by a foot pump or compressed-air source.

APPLICATIONS:

For fast leak sealing by a single person on road or tankers and storage tanks. No tensioning belts are required.

SIZES:

4 sizes, 3 wedge-shaped bags from 6 to 11 cm (2.4 to 4.3 in.) wide, 1 cone-type bag 7 cm (2.8 in.) in diameter

ADVANTAGES:

One-man operation

Fast leak sealing

No tensioning belts required

Insertion of leak sealing bags from a safe distance (with a lance that can be extended from 35 to 134 cm [1.1 to 4.4 ft.])

Cone-type bag seals holes from 30 to 90 mm (1.2 to 3.5 in.) in diameter

Wedge-type bags seal holes from 15 to 60 mm (0.5 to 2.5 in.)

Inflatable with foot pump (very low air requirement of 0.6 to 3.1 litres [0.02 to 0.1 cu.ft.])

Lance with three extensions

Supplied as complete set in portable packing case with safety controller, shut-off unit and foot pump (weight only 9 kg [19.8 lbs])

SAFETY:

1.5 bar (21.75 psi) coupling system compatible with all Vetter leak stoppers and accessories

Anti-slip surfaced bags

Controller 1.5 bar (21.75 psi) with pressure gauge, safety valve and shut-off unit to prevent inadvertent over-inflation



Shut-off unit to prevent air and pressure loss when uncoupling hose or lance

MATERIAL: C

Highly flexible

Medium resistance to chemicals and oil

Heat-resistant up to 90°C/194°F (short term) or 85°C/185°F (long term)

AIR SOURCES:

Compressed-air cylinders 200 or 300 bar (3,000/4,500 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) with finger-tight connector

Inflation hose 10 m, 10 mm i.d. (32.8 ft., 1/3")

Universal connector kit

COMPLETE SET:

Set Vetter Leak Sealing Lance 1.5 bar (21.75 psi)

Art.-No. 158 20 000 consisting of:

1 x Wedge-type bag 6
1 x Wedge-type bag 8
1 x Wedge-type bag 11
1 x Cone-type bag 7
3 x Lances each 35 cm (13.8 in.) long

1 x Controller

1 x Shut-off unit

1 x Foot pump

1 x Portable case

40 x 30 x 18.3 cm (15.7 x 11.8 x 7.2 in.)

Weight: 6.5 kg (14.3 lbs)

TECHNICAL DATA:

Type		Wedge-type bag 6 Wedge-type bag 2.4	Wedge-type bag 8 Wedge-type bag 3.2	Wedge-type bag 11 Wedge-type bag 4.3	Wedge-type bag 7 Wedge-type bag 2.8
Art.-No.		158 21 000	158 22 000	158 23 000	158 24 000
Bag size (LxWxH)	cm	23 x 6 x 5	23 x 8 x 5.5	23 x 11 x 7	23 x 7 ∅
with coupling: length + 6 cm	in.	8.9 x 2.3 x 1.9	8.9 x 3.1 x 2.1	8.9 x 4.2 x 2.7	8.9 x 2.7 ∅
Working pressure max.	bar (psi)	1.5 (21.75)	1.5 (21.75)	1.5 (21.75)	1.5 (21.75)
Nomina content at 1.5 bar	l (cu. ft.)	0.6 (0.02)	1.4 (0.04)	3.1 (0.1)	1.2 (0.04)
Air Requirement	l (cu. ft.)	1.5 (0.04)	3.5 (0.12)	7.8 (0.27)	3 (0.1)
Weight	kg (lbs)	0.24 (0.52)	0.28 (0.61)	0.42 (0.92)	0.16 (0.35)
For leaks	cm (in.)	1.5-4.5 (0.5-1.7) Width 6-8 (2.4-3.1)	1.5-4.5 (0.5-1.7) Width 8-11 (3.1-4.3)	3-6 (1.1-2.3) Width 11-17 (4.3-6.7)	3-9 (1.17-3.6)