



## 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.

### APPLICATIONS:

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

### ADVANTAGES:

- Single operator
- Fast leak sealing
- 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.))

### TECHNICAL DATA:

Type		Wedge-type 6	Wedge-type 8	Wedge-type 11	Cone-type 7
Art.-No.		158 21 000	158 22 000	158 23 000	158 24 000
Bag size (l x w x h) with coupling: length + 6 cm in.		23 x 6 x 5	23 x 8 x 5,5	23 x 11 x 7	23 x Ø 7
Working pressure max.	bar	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 Ø 2.7
	psi	1.5	1.5	1.5	1.5
Nominal content	l	21.75	21.75	21.75	21.75
	cu. ft.	0.6	1.4	3.1	1.2
Air requirement	l	0.02	0.04	0.1	0.04
	cu. ft.	1.5	3.5	7.8	3
Weight	kg	0.04	0.12	0.27	0.1
	lbs	0.24	0.28	0.42	0.16
for leaks-height	cm	0.52	0.61	0.92	0.35
	in.	1.5 - 4.5	1.5 - 4.5	3 - 6	3 - 9
for leaks-width	cm	0.5 - 1.7	0.5 - 1.7	1.1 - 2.3	1.17 - 3.6
	in.	6 - 8	8 - 11	11 - 17	
	in.	2.4 - 3.1	3.1 - 4.3	4.3 - 6.7	

Lance with three extensions  
Supplied as complete set in portable packing case with safety controller, shut-off unit and foot pump  
weight only 6.5 kg (14.3 lbs)

### SAFETY:

1.5 bar (21.75 psi) coupling system compatible with all Vetter leak stoppers and accessories  
Anti-slip surfaced bags  
Shut-off unit to prevent air and pressure loss when uncoupling hose or lance

### MATERIAL:

Materials list (See pp 72/73)

### COMPLETE SET:

**Set Vetter Leak Sealing Lance 1.5 bar (21.75 psi)**  
Art.-No.: 158 20 000  
Consisting of:

- 1x Wedge-type bag 6 (2.4 in.)
- 1x Wedge-type bag 8 (3.2 in.)
- 1x Wedge-type bag 11 (4.3 in.)
- 1x Cone-type bag 7 (2.8 in.)
- 1x Lance 35 cm (13.8 in.) long with chain and deflation nipple
- 1x splash disk
- 3x Lances each 35 cm (13.8 in.) long
- 1x Shut-off unit
- 1x Foot pump with safety valve
- 1x Portable case, plastic, 40 x 30 x 18.3 cm (15.7 x 11.8 x 7.2 in.)

Weight: 6.5 kg (14.3 lbs)

