

VETTER VACUUM LEAK DRAINAGE BAGS



The Vetter Vacuum Leak Drainage Bag requires no belts to hold it in position. It clings leech-like around leaks simply by vacuum. And, it drains off leaking liquid easily through a vacuum-free drain compartment.

The LD 50/30 VAC Drainage Bag with suction cups does the sealing, the round DLD 50 VAC with integrated vacuum chamber both seals the leak and allows the liquid to run off through a drainage compartment.

APPLICATIONS:

For leak sealing without belts, on clean, smooth and slightly curved surfaces

For use on road or rail tankers, large containers and storage tanks

SIZE:

2 sizes and types

VAC Leak Sealing Bag

Type 50/30 VAC with 50 x 30 cm (19.7 x 11.8 in.) inflatable sealing surface

VAC Leak Drainage Bag

Type DLD 50 VAC, 50 cm (19.7 in.) diameter, drainage compartment 20 cm (7.9 dia.)

ADVANTAGES:

No belts required

Clings tightly around leaks by vacuum

Ideal when access to leakage is difficult

Vacuum Leak Sealing Bag

(Type LD 50/30 VAC)

Individual flexible vacuum cups

Also seal raised welding seams as the suction cups grip down the sides of the seam

The small vacuum cups can also be used on slightly corrugated surfaces

Compressed air generates a sealing pressure of 1.5 bar (21.75 psi) against the leakage point

Large sealing surface up to 50 x 30 cm (19.7 x 11.8 in.)

Controller with deadman lever for inflation of the Vacuum Leak Sealing Bag, with sound-suppressed vacuum nozzle and vacuum display

Individual control of suction cups

Extremely low air consumption of 1800 l in 80 min = 23 l/min (63.5/80 min = 2.2 cu.ft./min)

Vacuum Leak Drainage Bag

(Type DLD 50 VAC)

Sealing and controlled drainage of leaking liquid through the drain compartment

Optimum liquid flow through round design

Large, round drain compartment, 20 cm (7.8 in.) in diameter with drainage area of 300 cm² (47 in²)

Very small and robust vacuum nozzle with 5 m (16.4 ft.) hose

Vacuum inlet with shut-off unit and pressure gauge

Very flexible

Stainless steel connections

SAFETY:

Pressure gauge for inlet pressure reading

Type LD 50/30 VAC

Individually controllable vacuum cups

Controller with deadman lever

Type DLD 50 VAC

Transparent venting and drainage hose, 5 m (16.4 ft.) long, for conducting residual liquid from the vacuum area into a container

Shut-off valve at vacuum inlet

Stainless steel outflow connections V 4 A Storz Size D 1"

MATERIAL:

Type LD 50/30 VAC

Cover plate of reinforced polyamide fabric

Anti-static, self-extinguishing, oil and ozone-resistant

Good resistance to chemicals
Heat-resistant up to 115°C/279°F (short term) or 85°C/185°F (long term)

Polyester belts, 50 mm wide (2")

MATERIAL: C

TECHNICAL DATA:

Type		DLD 50 VAC LD 20 VAC	LD 50/30 VAC LD 20/12 VAC
Art.-No.	cm (in.)	157 05 000	159 06 000
Size Ø	cm (in.)	50 (19.7)	
Size (L x W x H)	cm (in.)		95 x 32 x 16 (37 x 12 x 6.2)
Size draincompartment	cm (in.)	20 (7.8)	
Size sealing surface	bar (psi)		50 x 30 (19.5 x 11.8)
Working pressure vacuum max.	bar (psi)	6 (87.66)	5 (72.55)
Vacuum	bar (psi)		0.8 (11.6)
Working pressure LD	l (cu. ft.)	1 (14.5)	1.5 (21.75)
Nominal content	l/min (cu. ft./min)		7.0 (0.25)
Air requirement	kg (lbs)	200 (7.06)	25 (0.88)
Weight		5.2 (11.4)	7.0 (15.4)



Type DLD 50 VAC

Very flexible

Medium resistant to chemicals

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

MATERIAL: A

AIR SOURCES:

Compressed-air cylinder 200 or 300 bar (3,000 or 4,400 psi)

Compressed-air mains

Compressor (min. output 200 l/min - 7 cu.ft./min)

ACCESSORIES:

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

Universal connector kit 200/300 bar (3,000/4,500 psi)

Type DLD 50 VAC

Universal connector kit 12 bar (174 psi)

Stainless steel ball valve, Storz D

Type DLD 50/30 VAC

1.5 bar (21.75 psi) controller with deadman lever

