

Vetter High-Pressure Leak Sealing System

NEW



When fire services have to deal with hazardous materials in companies producing and processing materials which are dangerous for water and the environment, it is very often the case that existing materials and equipment reach their limits with respect to sealing.

Sealing of leaks on pressurized pipelines, structural parts and fittings is not possible, or very difficult, using standard Leak Sealing Bags.

A sealing hose system was developed in cooperation with the Industrial Fire Brigade of Henkel KGaA Düsseldorf. This system enables sealing of positions which are difficult to access and which have operating pressures of up to a maximum of 10 bar (145 psi).

It has very good adaption characteristics to the various pipe diameters due to the different hose lengths.

There are two set variations supplied: Premium Set and Base Set. Both sets are contained in a practical transport case and are easy to use.



Advantages

- Universally applicable
- Easy to use
- For back pressures up to max. 9 bar (130 psi/90 m water head)
- Especially applicable on T-pieces, pipe bends or difficult connection joints
- Supplied as Base Set and Premium Set
- With additional sealing plates made of different materials (Nitrile Butadiene Rubber, Ethylen Propylen Dien Rubber, Fluoropolymer Rubber) – increased resistance

Safety

- Pressure release valve between pressure regulator and inflation hose
- Metal parts on sealing hoses are made of stainless steel
- 1.6 times the test pressure to the maximum operating pressure
- Continuous electrostatic conductivity of the sealing hoses (DIN ISO 8031/8.97)
- Ground connection on both sides on sealing hose couplings

Technical data for the High-Pressure Leak Sealing System

Art. No.	Unit	Sealing hose 1,500 mm (59 in.)	Sealing hose 2,500 mm (98 in.)	Sealing hose 3,500 mm (138 in.)
		1500015900	1500016000	1500016100
Max operating pressure	bar	10.0	10.0	10.0
	psi	145.0	145.0	145.0
Test pressure	bar	16.00	16.00	16.00
	psi	232.0	232.0	232.0
Max back pressure	bar	9.0	9.0	9.0
	psi	130.5	130.5	130.5
Nominal content	l	0.74	1.33	1.86
	cu. ft.	0.03	0.05	0.07
Air requirement at 10.0 bar (145 psi)	l	8.14	14.63	20.40
	cu. ft.	0.29	0.52	0.72
Approximate weight*	kg	1.14	1.38	1.77
	lbs	2.51	3.04	3.90

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* Weight for Premium Set: 10.5 kg/23.15 lbs
Weight for Base Set: 6.0 kg/13.23 lbs



Art. No. 1500019000 – Base Set



Art. No. 1500015800/1500019100 – Premium Set

High-Pressure Leak Sealing System, consisting of:

Art. No.	Description	Art. No. 1500019000 Base Set	Art. No. 1500015800 Premium Set	Art. No. 1500019100 Premium Set USA version
1500015900	Sealing hose, 1,5 m (59 in.)		1	1
1500016000	Sealing hose, 2,5 m (98 in.)	1	1	1
1500016100	Sealing hose, 3,5 m (138 in.)		1	1
1500016200	Inflation valve for sealing hose	1	1	1
1500016301	Inflation hose for sealing hose	1	1	1
1600000200	Pressure regulator 200/300 bar (3,000/4,500 psi)		1	
1600005301	Pressure regulator 4500 psi			1
1500016400	Sealing plate, Nitrile Butadiene Rubber, 150 x 100 mm (6 x 4 in.)		1	1
1500016500	Sealing plate, Ethylen Propylen Dien Rubber, 150 x 100 mm (6 x 4 in.)		1	1
1500017900	Sealing plate, Fluoropolymer Rubber, 150 x 100 mm (6 x 4 in.)	1	1	1
1500018700	Transport case for Premium Set 600 x 400 x 135 mm (24 x 16 x 5.5 in.)		1	1
1500018900	Transport case for Base Set 400 x 300 x 183 mm (16 x 12 x 7 in.)	1		
1500019400	Air escape valve for High-Pressure Leak Sealing System	1	1	1