

VETTER PNEUMATIC LIFTING AND SEALING SLEEVE 0.5 bar (7.25 psi)



Lifting and sealing damaged drums into a safety container could not be easier or gentler. No matter how cramped the space, the Vetter Pneumatic Lifting Sleeve can extract any drum from among others in storage.

It distributes pressure evenly around the drum edge, avoiding the risk of causing additional damage by overloading one particular point – always a hazard in lifting drums with mechanical hoists.

Its operating pressure can be varied to suit the drum's condition.

APPLICATIONS:

Lifting damaged drums and transferring them into safety containers (internal width from 670 mm (26 in.)

Extracting single drums from tight storage (minimum gap required = 2 cm (1 in.))

Used by: fire brigades
chemical industry
haulage companies
ports
railways

SIZES:

1 size 600 mm (24 in.) diameter
Custom-designed models on request

ADVANTAGES:

Even distribution of pressure over large area, eliminating the risk otherwise incurred with mechanical lifting tackle of over-loading any particular point

No metal parts to cause sparks

Minimum air requirement of only 23.8 l (0.8 cu.ft.)

Lifting straps with large loops

Variable operating pressure up to 0.5 bar (7.25 psi), allowing grip pressure to be adapted to the drum's condition

SAFETY:

Low operating pressure, max. 0.5 bar (7.25 psi)

Single controller 0.5 bar (7.25 psi), with pressure gauge, safety valve and shut-off valve to prevent inadvertent over-inflation of the bag

Very high bursting pressure (7.2 times the maximum allowable working pressure)

MATERIAL:

Highly flexible

Medium-resistant to chemicals and oil

Cold-resistant to -55°C (-65°F)

Heat-resistant to +90°C/195°F (short term)
or +85°C/185°F (long term)

COMPRESSED-AIR SOURCES:

Compressed-air cylinder 200 or 300 bar (3,000 or 4,500 psi)

Compressed-air mains

Compressor

Truck tyre inflator

Truck brake system

Hand or foot pump

ACCESSORIES:

Pressure regulator 200/300 bar (3,000/4,500 psi) with finger-tight connector

Universal connector kit

COMPLETE SET:

Set Pneumatic Lifting and Sealing Sleeve 0.5 bar (7.25 psi)

Art.-No.: 115 10 000

consisting of:

Pneumatic lifting and sealing sleeve 0.5 bar (7.5 psi)

Single controller 0.5 bar (7.5 psi)

Inflation hose 5 m (16.4 ft.), 19 mm (0.75 in.) internal diameter, screw type claw couplings

TECHNICAL DATA:

Type		PM 600 (LS 24)
Art.-No.		115 05 000
Size	∅ mm (in.)	620 (24)
	height mm (ft.)	400 (16)
Max. allowable operating pressure	bar (psi)	0.5 (7.25)
Test pressure	bar (psi)	0.65 (9.4)
Nominal content	l (cu. ft.)	23.8 (0.8)
Air requirement	l (cu. ft.)	35.7 (1.3)
Maximum load capacity	kg (lbs)	400 (880)
Weight	kg (lbs)	5.6 (12.4)



