

Operating Instructions

VETTER Rescue path 0.5 bar (7.25 psi)



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1. Important preliminary remarks

Only knowledge and exact adherence to these operating instructions guarantee correct and perfect operation, achieves the greatest service and ensures any claims within the Vetter Guarantee.

Each operation / application of the Rescue path is to be made under the condition that this operating manual is carefully adhered to.

The operating instructions given here are to be regarded as part of the product and are to be kept for the complete life duration of the product. In case the product should be passed on to a successive user then the operating instructions must also be included.

2. Description of the product

2.1 Inventory list

- | | |
|---|---|
| 1 | Vetter Rescue path 0.5 bar (7.25 psi) |
| 1 | Pressure regulator 200/300 bar
(not included in the scope of delivery) |
| 1 | Packing bag |
| 2 | Ventilation keys |

2.2 Area of application

The Rescue path can be used on ice, water, moor, bog land, sand or other types of surfaces for the rescue of submerged persons not having any means of support. The guidelines on the sides enable easy retrieval of persons onto the rescue path.

2.3 Correct handling and usage

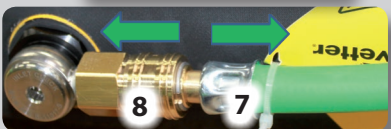
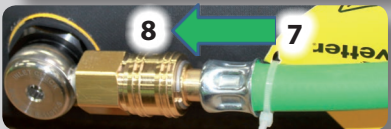
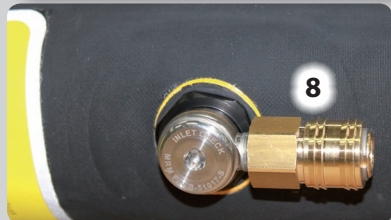
Rescue paths are only to be used with compressed air. Only original Vetter inflation fittings are to be used in order to avoid any excess inflation of the Rescue path.

2.4 Safety instructions

All pertinent state regulations relating to work safety and accident are to be observed as well as the generally recognized regulations in the field of technology.

The necessary work protection clothing is to be worn.





3. Preparing the product for use

3.1 Preparations for use

Only Rescue paths in perfect condition and fitted with original Vetter inflation fittings are to be used.

4. Operating instructions

4.1 Inflation

Open the packing bag and remove the Rescue Path. Lay out the Rescue Path in the intended direction which is to be free of any obstacles.

Connect the pressure reducer to the compressed air bottle 300 bar, using the tommy screw (1). Close the hand wheel of the pressure reducer (2). Open the valve on the bottle (3) slowly. The pre-pressure manometer (4) indicates the pressure in the bottle.

Adjust the back pressure to approximately 4-6 bar with the regulation bar (5) (indication of the reduced pressure on the back pressure manometer (6)).

Connect the air hose of the pressure reducer via the nipple to the input coupling (7) of the rescue path. In doing this, press the nipple into the coupling until you feel it lock in.

Open the hand wheel (2) of the pressure reducer.

If the required pressure is reached, then end the inflation sequence by closing the valve. Latest when the safety valve blows off or the red marking is reached!

An integrated safety valve will automatically activate when the rescue path is unintentionally over-inflated above the maximum operating pressure (0.5 bar/7.25 psi) or when there is an increase of pressure in the rescue path due to additional loading of the rescue path.

Before use, it is necessary to disconnect the inflation device from the rescue path. To do this, pull back the ring sleeve of the coupling (8) and withdraw the hose of the pressure reducer (7) out of the coupling. A check valve in the path connection stops any loss of air.

Danger of tearing! Wear protection gloves!



4.2 Deflation by using the draining valve

The air can be drained by firmly pressing the venting key (10) into the star-shaped draining valve (11).

4.3 Deflation with the vacuum adapter

Press the vacuum adapter (Item no.: 1600 0163 00), with the connection nipple, into the draining valve. Connect the bottle pressure reducer to the bottle valve on the one side and to the vacuum adapter on the other side. Open the bottle valve and set the back pressure on the regulator bar of the pressure reducer to approximately 6 bar (87 psi). The Rescue path can be quickly packed without difficulty after deflating by rolling up in the direction of the inflation valve.

The draining valve must be completely closed before packing!



5. Care and maintenance

The Rescue path and its equipment are to be cleaned each time after use. Cleaning of the Rescue path is to be carried out with warm water (max. 30° C) and soap.

The clean Rescue path should be dried at normal room temperature (15° C).

6. Storage

When stored and handled properly, the properties of PVC products remain nearly constant for a long period of time. However when handled improperly and under unfavourable storage conditions, their physical properties and/or service life are shortened!



Please comply with the following storage conditions:

Store in a place that is cool, dry, dust-free and moderately ventilated.

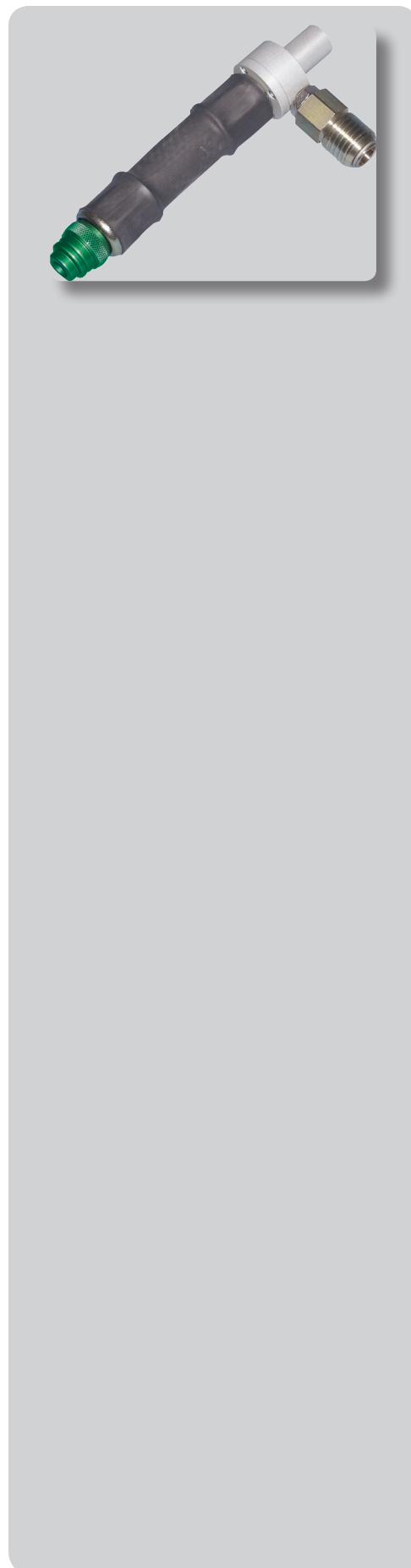
The storage temperature should be approx. 15 °C; never let it exceed 25 °C.

The temperature should also not fall below -10 °C.

If there are heating appliances and heating conductors in the storage room, they must be appropriately insulated so that the temperature of 25°C is not exceeded. Maintain a minimum clearance between the heating appliances and the stored goods of 1 m.

Do not store PVC products in moist storage rooms. The relative humidity should be less than 65 %.

Protect the PVC products from light (direct exposure to sunlight, artificial light with high proportion of UV). The windows in the storage room need to be correspondingly darkened.



Make sure that the storage room does not contain any appliances that cause ozone.

The storage room must be free of solvents, fuels, lubricants, chemicals, acids, etc.

Store PVC products without pressure, tensile stress or similar distortions since that can promote deformations or crack development.

Some metals such as copper and manganese can also have a damaging effect on PVC products.

For more information please refer to DIN 7716.

7. Inspection

The fittings and the Rescue Path are to be inspected for perfect and correct condition before and after every period of use:

- ✓ The Rescue Path is free of damage, e.g. tears, cuts, punctures, separations, hard or soft areas caused by chemical or thermal effects.
- ✓ Visual and operational inspection of the inflation hose.

8. Technical data

Type		6 m 19.2 ft.	10 m 32 ft.	15 m 48 ft.
Art.-No. Path with anti-slip strips		1530008502	1530008602	1530008702
Ext. dimensions (L x W x H)	cm	600 x 140 x 10	1000 x 140 x 10	1500 x 140 x 10
	inch	236 x 55 x 4	394 x 55 x 4	591 x 55 x 4
Air requirement	l	1,321	2,196	3,360
	cu.ft.	47	78	119
Inflation time, approx.	sec.	175	291	445
Weight, approx.	kg	35	57.5	81.5
	lbs	77.2	126.8	179.7
Folded size (L x W x H)	cm	165 x 35 x 25	165 x 45 x 30	165 x 60 x 45
	inch	65 x 14 x 10	65 x 18 x 12	65 x 24 x 18

Working pressure: 0.5 bar (7.25 psi)

Test pressure: 0.65 bar (9.4 psi)

Load capacity approx. 95 kg /m² (19.54 lbs / sq. ft.)

All rights reserved for changes within the framework of product improvement.

Place your trust in emergency pneumatics!

We are the company who can help you, find a solution to your problem!

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