



fluidtel frigotel® – The abrasion resistant pressure hose for dry-ice and subsurface freezing



Marking:

FRIGOTEL® - DN 25 - PN 16 BAR

Description:

non-buckling cold-elastic pressure hose for use as dry-ice jet hose and use as transporter for media (brine method) in the subsurface freezing.

Construction:

Inliner

highly abrasion resistant, smooth, thick-walled, electrically conductive, free from any products harmful to lacquer (PWIS)

Reinforcement

highly tear-proof special fibres as textile ply, from DN 32 on with steel wire spiral

Cover

abrasion resistant, good thermal isolation, electrically conductive, fabric patterning

Temperature range:

-55°C to +60°C

Application:

for mobile and stationary dry ice blasting units or machines in the food, automotive or general industry, suitable for special use in ground freezing measures

Resistance/Media:

against oil-free compressed air and dry ice blasting material, general blasting material, as well as sand or glass beads

Special features:

by selecting the appropriate cold optimized materials a good handling is guaranteed, even after longer use. The minimal length modification makes it particularly suitable for cable and hose packages, cable carrier systems, or cable drag chains.



Data table:

inner Ø	wall thickness	bending radius	weight	operating pressure
[mm]	[mm]	min. [mm]	[g/m]	[bar]
10	5,0	100	260	16
13	5,0	130	315	16
16	5,0	160	365	16
19	6,0	190	540	16
25	6,0	250	635	16
32	6,0	160	905	16
38	6,5	190	1195	16
50	8,0	250	1845	16
75	9,0	375	3090	16
100	10,0	500	4430	16
125	11,0	625	6855	16
150	12,0	750	9015	16

Installation instruction:

Please observe the installation and handling instructions for hose lines in the instruction sheet T 002 by the German Employers' Liability Insurance Association Chemie.

Safety instruction:

It is recommended to seal the cutting edges of the hoses before their installation in order to avoid penetration of moisture into the hose wall.