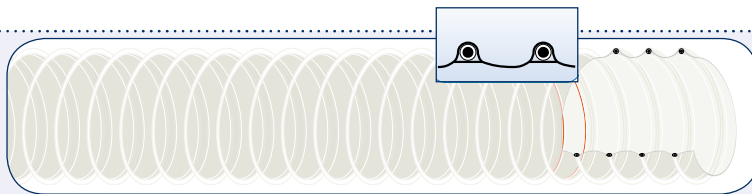


KLEGAINE GPU-MS

INDUSTRIAL MAINTENANCE

Industrial ducting/PUR



Applications

A highly flexible and robust ducting.

For use in many industries such as metallurgy, wood working, food, pharmaceutical industries.

Ideal for the conveyance of grains, granules, sawdust and wood chips, metal filings in humid and/or warm conditions.

Specially suitable for street vacuum cleaners and lawn mowers. Flame retardant according to DIN4102B1 or antistatic material in option.

Advantages

- Light and easy to handle.
- Non toxic polyurethane resisting to hydrolysis and microbiological attack.
- Outstanding resistance to abrasion and piercing.
- Excellent mechanical flexibility due to perfect cohesion of components (PVC-coated spring steel helix welded to polyurethane wall).
- Smooth inner tube ensures optimum flow.
- Good resistance to ozone and ultraviolet light.
- Good resistance to most of oils, solvents, and industrial chemicals in the vapour phase at moderate concentration.

Technical description

Ether-base polyurethane wall, transparent, smooth inside.

Reinforcement: white PVC-coated steel helix.

Temperature range: -30 °C to + 100 °C.

Electrical properties:

Standard: non conductive.

Option antistatic, $R < 10^8 \Omega/m$: consult us.

Special properties:

Abrasion ISO 4649: 40 mm³.

Option flame retardant, DIN 4102B1: consult us.

Halogen and plastiziser free.

Standard/Approval: complies with european directive 10/2011/CE.

Couplings/Fittings

Standard: connexion by clamp.

Complementary information

Technical data for working conditions at 20 °C temperature.

ID mm	Wall thickness mm		Working pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Notes
25	0.7	± 0.05	1.70	0.60	13	0.18	10	
30	0.7	± 0.05	1.70	0.60	15	0.22	10	
32	0.7	± 0.05	1.70	0.60	16	0.23	10	
35	0.7	± 0.05	1.70	0.60	17	0.25	10	
38	0.7	± 0.05	1.70	0.60	19	0.27	10	
40	0.7	± 0.05	1.50	0.50	20	0.29	10	
45	0.7	± 0.05	1.50	0.50	22	0.32	10	
51	0.7	± 0.05	1.50	0.50	25	0.37	10	
60	0.7	± 0.05	1.50	0.50	30	0.43	10	
65	0.7	± 0.05	1.50	0.50	32	0.47	10	
70	0.7	± 0.05	1.30	0.40	35	0.48	10	
76	0.7	± 0.05	1.30	0.40	38	0.52	10	
80	0.7	± 0.05	1.00	0.30	40	0.55	10	
90	0.7	± 0.05	1.00	0.30	45	0.62	10	
102	0.7	± 0.05	1.00	0.30	51	0.69	10	
112	0.7	± 0.05	0.70	0.20	56	0.89	10	
120	0.7	± 0.05	0.70	0.20	60	0.95	10	
125	0.7	± 0.05	0.70	0.20	62	0.99	10	
130	0.7	± 0.05	0.70	0.20	65	1.05	10	
140	0.7	± 0.05	0.70	0.15	70	1.10	10	
152	0.7	± 0.05	0.70	0.15	76	1.19	10	
160	0.7	± 0.05	0.40	0.10	80	1.26	10	
180	0.7	± 0.05	0.40	0.10	90	1.42	10	
203	0.7	± 0.05	0.40	0.10	101	1.87	10	
232	0.7	± 0.05	0.40	0.10	116	2.20	10	
254	0.7	± 0.05	0.30	0.08	125	2.36	10	
300	0.7	± 0.05	0.30	0.08	150	2.79	10	
305	0.7	± 0.05	0.30	0.08	152	2.81	10	
350	0.7	± 0.05	0.30	0.08	175	3.30	10	
400	0.7	± 0.05	0.15	0.08	200	5.12	5	
500	0.7	± 0.05	0.15	0.08	250	6.40	5	

Length in blue = stock item. Length in black = non stock (consult us for minimum quantity of order).

No branding.