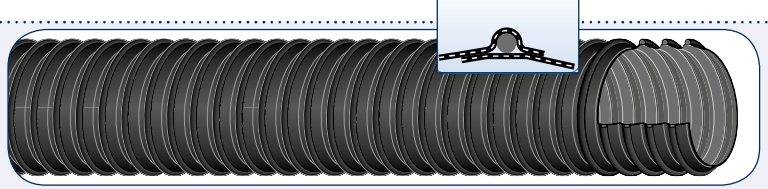


KLEGAINE GTPK

INDUSTRIAL MAINTENANCE

Industrial ducting/Elastomer-coated fibre cord



Applications

Transport of hot or cold air for various mechanical and industrial applications:

- hot air for granule drying systems in the plastics industry,
- flexible conduit for cooling engines (cool and pure air),
- flexible conduit for air-conditioning and ventilation systems for motor vehicles and boat,
- exhaust of solvent fumes (printing, painting).

For handling air and fumes in hard environments (high temperatures, vibration, chemical attacks).

Advantages

- Light weight and easy to handle.
- Highly flexible (cross-sectional area maintained when bent).
- Very elastic long-term resistance to the fatiguing effects.
- Excellent resistance to ozone, ageing and abrasion.
- Good resistance to most oils, greases, solvents, industrial chemicals in the vapour phase at moderate concentration.
- Impermeable to gases.
- Flexible at low temperatures.

Technical description

TPE-coated polyester cord, black, corrugated.

Reinforcement: steel embedded helix.

Temperature range: - 40 °C to + 130 °C (intermittent: + 150 °C).

Electrical properties: non conductive. Both ends of the helix can be connected to the couplings/fittings, if conductivity is required.

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	0.4	± 0.03	1.70	0.45	18	0.11	10	
29	0.4	± 0.03	1.60	0.40	21	0.13	10	
32	0.4	± 0.03	1.60	0.40	21	0.15	10	
35	0.4	± 0.03	1.60	0.35	24	0.16	10	
38	0.4	± 0.03	1.50	0.30	28	0.24	10	
41	0.4	± 0.03	1.50	0.30	28	0.26	10	
44	0.4	± 0.03	1.50	0.30	28	0.29	10	
51	0.4	± 0.03	1.30	0.28	35	0.32	10	
60	0.4	± 0.03	1.20	0.26	42	0.39	10	
63	0.4	± 0.03	1.00	0.23	49	0.40	10	
70	0.4	± 0.03	1.00	0.23	70	0.45	10	
76	0.4	± 0.03	0.90	0.22	53	0.48	10	
80	0.4	± 0.03	0.80	0.20	56	0.54	10	
89	0.4	± 0.03	0.70	0.18	62	0.61	10	
102	0.4	± 0.03	0.60	0.17	70	0.69	10	
127	0.4	± 0.03	0.50	0.13	88	0.88	10	
130	0.4	± 0.03	0.50	0.13	91	0.90	10	
150	0.4	± 0.03	0.25	0.10	105	0.99	10	
152	0.4	± 0.03	0.25	0.10	105	0.99	10	
160	0.4	± 0.03	0.25	0.10	112	1.05	10	
180	0.4	± 0.03	0.25	0.10	126	1.18	10	
200	0.4	± 0.03	0.20	0.08	140	1.62	10	
203	0.4	± 0.03	0.20	0.08	140	1.65	10	
250	0.4	± 0.03	0.12	0.07	175	2.03	10	
300	0.4	± 0.03	0.08	0.05	210	2.44	10	
350	0.4	± 0.03	0.08	0.05	210	2.44	10	
400	0.4	± 0.03	0.07	0.04	280	3.25	5	
500	0.4	± 0.03	0.06	0.03	350	4.05	5	

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

No branding.