KLEGAINE GPU-S

GENERAL INDUSTRY



Industrial ducting hoses
Polyurethane

APPLICATIONS

Very robust ducting.

Ideal for the conveyance of highly abrasive materials such as metal filings, sand, gravel, ice, etc, in glass works, steel industry, mineral treatment, ports, cement works, big industrial vacuum cleaners.

ADVANTAGES

- Outstanding resistance to abrasion and piercing.
- Copper-coated steel helix resists to crushing, pressure, vacuum. It is bonded into the polyurethane wall.
- Very smooth inner tube ensures optimum flow.
- Good resistance to ozone and UV.
- Resistance to most of oils, solvents and industrial chemicals in the vapour phase at moderate concentration.

TECHNICAL DESCRIPTION

Very thick ester-base polyurethane wall, transparent, smooth inside.

Reinforcement: copper-coated steel helix protected in the abrasion area.

Temperature range: -30 °C to +100 °C.

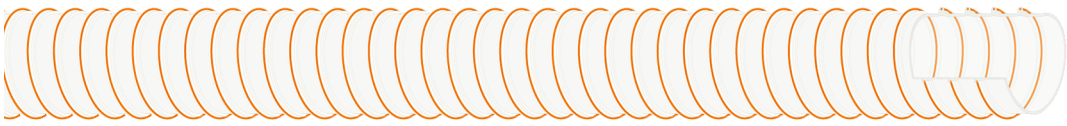
Special properties: Abrasion ISO 4649: 30mm^3.
Halogen and plastiziser free.

COUPLINGS/FITTINGS

Standard: connexion by clamp.
Option: can be screwed into the couplings.

COMPLEMENTARY INFORMATION

Technical data for working conditions at 20 °C temperature.





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ID mm	WALL THICKNESS mm	WORKING PRESSURE bar	MAX. VACUUM bar	BENDING RADIUS mm	WEIGHT kg/m	LENGTH m	ARTICLE NUMBER	STOCK (l) or min. order m
40.0	1.4 ±0.05	2.3	0.70	60	0.56	10	0085553	10
50.0	1.4 ±0.05	1.9	0.60	75	0.67	10	0085555	10
51.0	1.4 ±0.05	1.9	0.60	76.5	0.68	10	5009245	10
60.0	1.4 ±0.05	1.8	0.55	90	0.79	10	0085650	l
65.0	1.4 ±0.05	1.5	0.50	97.5	0.85	10	0085556	10
70.0	1.4 ±0.05	1.5	0.50	105	0.92	10	0085557	10
76.0	1.4 ±0.05	1.2	0.50	114	1.01	10	0085558	10
80.0	1.4 ±0.05	1.2	0.45	120	1.09	10	0085651	10
90.0	1.4 ±0.05	1.1	0.45	135	1.23	10	0085559	10
100.0	1.4 ±0.05	1.1	0.40	150	1.36	10	0085560	10
110.0	1.4 ±0.05	1	0.35	165	1.38	10	0085561	10
127.0	1.4 ±0.05	0.8	0.25	195	1.57	10	0085562	10
140.0	1.4 ±0.05	0.7	0.20	210	1.75	10	0085563	10
150.0	1.4 ±0.05	0.7	0.20	225	1.82	10	0085564	10
160.0	1.4 ±0.05	0.6	0.20	240	2.15	10	0085653	10
180.0	1.4 ±0.05	0.5	0.15	270	2.55	10	0085565	10
200.0	1.4 ±0.05	0.5	0.15	300	2.92	10	5009247	10
203.0	1.4 ±0.05	0.5	0.15	304.5	2.97	10	0085566	10
225.0	1.4 ±0.05	0.3	0.10	337.5	3.21	10	0085567	10
250.0	1.4 ±0.05	0.3	0.10	375	3.57	10	5009248	10
254.0	1.4 ±0.05	0.3	0.10	381	3.65	10	0085568	10

Tolerance on length: ±1% (ISO 1307 Standard).

Digital version

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