

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.

COUPLING/FITTINGS

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

COMPLEMENTARY INFORMATION

Technical data for working conditions at 20°C temperature.

TECHNICAL DESCRIPTION

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 => +100°C
Special Properties	Abrasion ISO 4649: 30mm ³ . Halogen and plastiziser free.





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ID (MM)	WORKING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
40.0	2.3	60	0.56	10	0085553
50.0	1.9	75	0.67	10	0085555
51.0	1.9	76.5	0.68	10	5009245
60.0	1.8	90	0.79	10	0085650
65.0	1.5	97.5	0.85	10	0085556
70.0	1.5	105	0.92	10	0085557
76.0	1.2	114	1.01	10	0085558
80.0	1.2	120	1.09	10	0085651
90.0	1.1	135	1.23	10	0085559
100.0	1.1	150	1.36	10	0085560
110.0	1	165	1.38	10	0085561
120.0	0.9	180	1.42	10	0085652
127.0	0.8	195	1.57	10	0085562
140.0	0.7	210	1.75	10	0085563
150.0	0.7	225	1.82	10	0085564
160.0	0.6	240	2.15	10	0085653
180.0	0.5	270	2.55	10	0085565
200.0	0.5	300	2.92	10	5009247
203.0	0.5	304.5	2.97	10	0085566
225.0	0.3	337.5	3.21	10	0085567
250.0	0.3	375	3.57	10	5009248
254.0	0.3	381	3.65	10	0085568
300.0	0.3	450	4.31	10	0085569

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

