

KLEGAINE GPU-MS



GENERAL INDUSTRY

Industrial ducting hoses/Polyurethane



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 food grade polyurethane resisting to hydrolysis and microbiological attack.

Outstanding resistance to abrasion and piercing.

Excellent mechanical flexibility due to perfect cohesion of components
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.

COUPLING/FITTINGS

Standard: connexion by clamp.

COMPLEMENTARY INFORMATION

Technical data for working conditions at 20°C temperature.

TECHNICAL DESCRIPTION

Technical Description	Ether-base polyurethane wall, transparent, smooth inside.
Reinforcement	copper-plated steel helix
Temperature range	-30°C => +100°C
Electrical Properties	Standard: non conductive. Option antistatic, $R < 10^8 \Omega/m$: consult us.
Special Properties	Abrasion ISO 4649: 40mm ³ . Option flame retardant, DIN 4102B1: consult us. Halogen and plastiziser free.

STANDARD/APPROVAL

Food contact: EU regulation 10/2011/CE.

EU





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ID (MM)	WORKING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
25.0	1.65	1325	0.20	10	5009236
30.0	1.6	30	0.24	10	5009237
32.0	1.4	32	0.26	10	5009238
35.0	1.4	35	0.28	10	5009239
38.0	1.4	38	0.31	10	5009240
40.0	1.4	40	0.34	10	0201380
45.0	1.35	45	0.39	10	0201349
51.0	1.3	51	0.40	10	0201381
60.0	1.1	60	0.47	10	0201382
65.0	1	65	0.49	10	0201378
70.0	1	70	5.41	10	0201383
76.0	0.8	76	0.59	10	0201384
80.0	0.7	80	0.62	10	0201385
90.0	0.7	90	0.70	10	0201386
102.0	0.6	102	0.87	10	0201387
112.0	0.5	112	0.93	10	0201388
120.0	0.45	120	1.00	10	0201389
125.0	0.4	125	1.08	10	5009241
130.0	0.3	130	1.10	10	0201350
140.0	0.3	140	1.19	10	0201390
152.0	0.25	152	1.29	10	0201391
160.0	0.25	160	1.36	10	0201394
180.0	0.2	180	2.05	10	0201395
203.0	0.18	203	2.23	10	0201392
232.0	0.15	232	2.50	10	0085060
254.0	0.15	254	2.77	10	0201396
300.0	0.12	300	3.29	10	0085207
305.0	0.12	305	3.29	10	5009242
350.0	0.1	350	3.84	10	0085040
400.0	0.08	400	4.39	5	5009243
500.0	0.04	500	5.49	5	5009244

Tolerance on length: $\pm 1\%$ (ISO 1307 Standard).

