

# KLEGAINE GPU-M



## GENERAL INDUSTRY

Industrial ducting hoses/Polyurethane



### APPLICATIONS

Ideal in the wood working industries, foundries and other general applications.  
 Ideal for the conveyance of powders, abrasives particles, dust, sawdust, chips, textile fibers, metal filings.  
 Industrial vacuum cleaners.  
 Suitable for fume extraction in chemical and oil industries.  
 Wire conduit in robots and machine tool.

### ADVANTAGES

Light and very flexible, flexible at low temperature.  
 Outstanding resistance to abrasion and piercing.  
 Excellent flex properties and resistance when used in motion.  
 Copper-coated steel helix, crush resistant.  
 Very smooth inner tube ensures optimum flow.  
 Good resistance to ozone and UV.  
 Good resistance to most of oils, solvents and industrial chemicals in the vapour phase at moderate concentration.

### COUPLING/FITTINGS

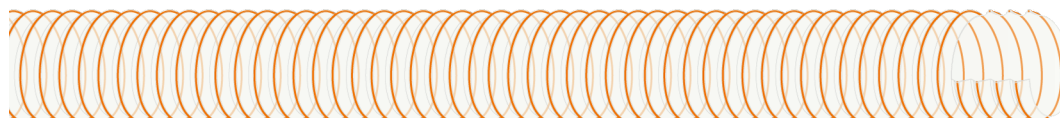
Standard: connexion by clamp.

### COMPLEMENTARY INFORMATION

Technical data for working conditions at 20°C temperature.

### TECHNICAL DESCRIPTION

Technical Description	Ester-base polyurethane wall, transparent, smooth inside.
Reinforcement	copper-coated steel helix
Temperature range	-30°C => +100°C
Electrical Properties	non conductive. Both ends of the helix can be connected to the couplings/fittings, if conductivity is required.
Special Properties	Abrasion ISO 4649: 30mm3. Halogen and plastiziser free.





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ID (MM)	WORKING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
25.0	1.65	25	0.20	10	5009226
30.0	1.6	30	0.24	10	5009227
32.0	1.4	32	0.26	10	5604095
35.0	1.4	35	0.28	10	5009228
40.0	1.4	40	0.34	10	0085531
45.0	1.4	45	0.39	10	0085532
50.0	1.3	50	0.40	10	0085533
60.0	1.1	60	0.47	10	0085534
65.0	1.1	65	0.49	10	0085535
70.0	1	70	0.54	10	0085536
75.0	0.8	75	0.60	10	0085537
76.0	0.8	76	0.60	10	5009230
80.0	0.7	80	0.62	10	0085538
90.0	0.7	90	0.71	10	0085539
100.0	0.6	100	0.87	10	0085540
102.0	0.6	102	0.87	10	5009231
110.0	0.5	110	0.93	10	0085541
120.0	0.45	120	1.00	10	0085542
125.0	0.4	125	1.08	10	5009232
130.0	0.3	130	1.10	10	0085543
140.0	0.3	140	1.19	10	0085544
150.0	0.25	150	1.29	10	0085545
160.0	0.25	160	1.36	10	0085546
180.0	0.2	180	2.05	10	0085547
200.0	0.18	200	2.23	10	0085548
203.0	0.18	203	2.23	10	5009233
225.0	0.15	225	2.41	10	0085549
250.0	0.15	250	2.77	10	0085550
300.0	0.12	300	3.29	10	0085551
350.0	0.1	350	3.84	10	0085552
400.0	0.08	400	4.39	5	5009234
500.0	0.04	500	5.49	5	5009235

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

