

# KLEGAINE GPU-M



## MANUFACTURING & MACHINE TOOLS

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.

### TECHNICAL DESCRIPTION

Ester-base polyurethane wall, transparent, smooth inside.

Reinforcement: copper-coated steel helix.

Temperature range: -30 °C to +100 °C.

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

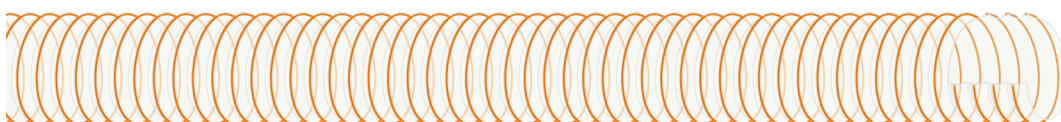
Special properties: Abrasion ISO 4649: 30mm<sup>3</sup>.  
Halogen and plastiziser free.

### 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	ARTICLE NUMBER	STOCK ( ) or min. order m
25.0	0.5 ±0.05	1.65	0.40	25	0.2	10	5009226	10
30.0	0.5 ±0.05	1.6	0.35	30	0.24	10	5009227	10
32.0	0.5 ±0.05	1.4	0.30	32	0.26	10	5604095	10
35.0	0.5 ±0.05	1.4	0.30	35	0.28	10	5009228	10
40.0	0.5 ±0.05	1.4	0.30	40	0.34	10	0085531	10
45.0	0.5 ±0.05	1.4	0.30	45	0.39	10	0085532	10
50.0	0.5 ±0.05	1.3	0.28	50	0.4	10	0085533	1
60.0	0.5 ±0.05	1.1	0.25	60	0.47	10	0085534	10
65.0	0.5 ±0.05	1.1	0.23	65	0.49	10	0085535	10
70.0	0.5 ±0.05	1	0.23	70	0.54	10	0085536	10
75.0	0.5 ±0.05	0.8	0.20	75	0.6	10	0085537	10
76.0	0.5 ±0.05	0.8	0.20	76	0.6	10	5009230	10
80.0	0.5 ±0.05	0.7	0.18	80	0.62	10	0085538	10
90.0	0.5 ±0.05	0.7	0.18	90	0.71	10	0085539	10
100.0	0.6 ±0.05	0.6	0.15	100	0.87	10	0085540	1
102.0	0.6 ±0.05	0.6	0.15	102	0.87	10	5009231	10
110.0	0.6 ±0.05	0.5	0.15	110	0.93	10	0085541	10
120.0	0.6 ±0.05	0.45	0.12	120	1	10	0085542	10
125.0	0.6 ±0.05	0.4	0.12	125	1.08	10	5009232	1
130.0	0.6 ±0.05	0.3	0.11	130	1.1	10	0085543	10
140.0	0.6 ±0.05	0.3	0.10	140	1.19	10	0085544	10
150.0	0.6 ±0.05	0.25	0.10	150	1.29	10	0085545	1
160.0	0.6 ±0.05	0.25	0.10	160	1.36	10	0085546	10
180.0	0.85 ±0.05	0.2	0.09	180	2.05	10	0085547	10
200.0	0.85 ±0.05	0.18	0.09	200	2.23	10	0085548	10
203.0	0.85 ±0.05	0.18	0.09	203	2.23	10	5009233	10
225.0	0.85 ±0.05	0.15	0.08	225	2.41	10	0085549	10
250.0	0.85 ±0.05	0.15	0.08	250	2.77	10	0085550	10
300.0	0.85 ±0.05	0.12	0.06	300	3.29	10	0085551	10
350.0	0.85 ±0.05	0.1	0.06	350	3.84	10	0085552	10
400.0	0.85 ±0.05	0.08	0.02	400	4.39	5	5009234	5
500.0	0.85 ±0.05	0.04	0.01	500	5.49	5	5009235	5

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

Digital version



**TRELLEBORG**