KLEGAINE GPU-MS

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MANUFACTURING & MACHINE TOOLS

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 (PVC-coated spring steel helix welded to polyurethane wall).
- -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.

Technical description

Ether-base polyurethane wall, transparent, smooth inside.
Reinforcement: white PVC-coated steel helix.
Temperature range: -30 °C to +100 °C.
Electrical properties: Standard: non conductive.
Option antistatic, R<10^{8}Ω/m: consult us.

Special properties:

Abrasion ISO 4649: 40mm3.
Option flame retardant, DIN 4102B1: consult us.
Halogen and plastiziser free.

Standard/Approval

Food contact: EU regulation 10/2011/CE.

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	0.5	±0.05	1.7	0.60	13	0.18	10	5009236	10
30	0.5	±0.05	1.7	0.60	15	0.22	10	5009237	10
32	0.5	±0.05	1.7	0.60	16	0.23	10	5009238	10
35	0.5	±0.05	1.7	0.60	17	0.25	10	5009239	10
38	0.5	±0.05	1.7	0.60	19	0.27	10	5009240	10
40	0.5	±0.05	1.5	0.50	20	0.29	10	0201380	•
45	0.5	±0.05	1.5	0.50	22	0.32	10	0201349	10
51	0.5	±0.05	1.5	0.50	25	0.37	10	0201381	•
60	0.5	±0.05	1.5	0.50	30	0.43	10	0201382	•
65	0.5	±0.05	1.5	0.50	32	0.47	10	0201378	10
70	0.5	±0.05	1.3	0.40	35	0.48	10	0201383	10
76	0.5	±0.05	1.3	0.40	38	0.52	10	0201384	•
80	0.5	±0.05	1.0	0.30	40	0.55	10	0201385	•
90	0.5	±0.05	1.0	0.30	45	0.62	10	0201386	•
102	0.6	±0.05	1.0	0.30	51	0.69	10	0201387	•
112	0.6	±0.05	0.7	0.20	56	0.89	10	0201388	10
120	0.6	±0.05	0.7	0.20	60	0.95	10	0201389	•
125	0.6	±0.05	0.7	0.20	62	0.99	10	5009241	•

130	0.6	±0.05	0.7	0.20	65	1.05	10	0201350	10
140	0.6	±0.05	0.7	0.15	70	1.1	10	0201390	•
152	0.6	±0.05	0.7	0.15	76	1.19	10	0201391	•
160	0.6	±0.05	0.4	0.10	80	1.26	10	0201394	•
180	0.85	±0.05	0.4	0.10	90	1.42	10	0201395	•
203	0.85	±0.05	0.4	0.10	101	1.87	10	0201392	•
232	0.85	±0.05	0.4	0.10	116	2.2	10	0085060	10
254	0.85	±0.05	0.3	0.08	125	2.36	10	0201396	•
300	0.85	±0.05	0.3	0.08	150	2.79	10	0085207	•
305	0.85	±0.05	0.3	0.08	152	2.81	10	5009242	10
350	0.85	±0.05	0.3	0.08	175	3.3	10	0085040	10
400	0.85	±0.05	0.15	0.08	200	5.12	5	5009243	5
500	0.85	±0.05	0.15	0.08	250	6.4	5	5009244	5

¤Upon availability.
* Tolerance on length: ± 1 % (ISO 1307 Standard)

Branding

No branding.