

KLEGAINE GPU-MS

INDUSTRIAL MAINTENANCE
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. Options: ideal for flame retardant standard (DIN 4102B1) or antistatic requirements.

Advantages

- n Light and easy to handle.
- n No toxic polyurethane resisting to hydrolysis and microbiological attack.
- n Outstanding resistance to abrasion and piercing.
- n Excellent mechanical flexibility due to perfect cohesion of components (PVC-coated spring steel helix welded to polyurethane wall).
- n Smooth inner tube ensures optimum flow.
- n Good resistance to ozone and ultraviolet light.
- n 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 + 110 °C .
Electrical properties: Standard: non conductive.
Option antistatic, $R < 10^6 \Omega/m$: consult us.
Special properties: Abrasion DIN 53516: 40 mm³.
Option flame retardant, DIN 4102B1: consult us.
Halogen and plastiziser free.
Standard/Approval:
EU regulation 2007/19/CE.

Couplings/Fittings

Standard: connexion by clamp.

Complementary information

Technical data for working conditions at 20 °C temperature.

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ID mm	Wall thickness mm	Working pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Article number	Stock (n) or min. order m
25	0.7 ± 0.05	1.7	0.60	13	0.18	10	5009236	100
30	0.7 ± 0.05	1.7	0.60	15	0.22	10	5009237	100
32	0.7 ± 0.05	1.7	0.60	16	0.23	10	5009238	100
35	0.7 ± 0.05	1.7	0.60	17	0.25	10	5009239	100
38	0.7 ± 0.05	1.7	0.60	19	0.27	10	5009240	100
40	0.7 ± 0.05	1.5	0.50	20	0.29	10	0201380	n
45	0.7 ± 0.05	1.5	0.50	22	0.32	10	0201349	100
51	0.7 ± 0.05	1.5	0.50	25	0.37	10	0201381	n
60	0.7 ± 0.05	1.5	0.50	30	0.43	10	0201382	n
65	0.7 ± 0.05	1.5	0.50	32	0.47	10	0201378	100
70	0.7 ± 0.05	1.3	0.40	35	0.48	10	0201383	100
76	0.7 ± 0.05	1.3	0.40	38	0.52	10	0201384	n
80	0.7 ± 0.05	1.0	0.30	40	0.55	10	0201385	n
90	0.7 ± 0.05	1.0	0.30	45	0.62	10	0201386	n
102	0.7 ± 0.05	1.0	0.30	51	0.69	10	0201387	n
112	0.7 ± 0.05	0.7	0.20	56	0.89	10	0201388	30
120	0.7 ± 0.05	0.7	0.20	60	0.95	10	0201389	n
125	0.7 ± 0.05	0.7	0.20	62	0.99	10	5009241	n
130	0.7 ± 0.05	0.7	0.20	65	1.05	10	0201350	100
140	0.7 ± 0.05	0.7	0.15	70	1.1	10	0201390	n
152	0.7 ± 0.05	0.7	0.15	76	1.19	10	0201391	n
160	0.7 ± 0.05	0.4	0.10	80	1.26	10	0201394	n
180	0.7 ± 0.05	0.4	0.10	90	1.42	10	0201395	n
203	0.7 ± 0.05	0.4	0.10	101	1.87	10	0201392	n
232	0.7 ± 0.05	0.4	0.10	116	2.2	10	0085060	50
254	0.7 ± 0.05	0.3	0.08	125	2.36	10	0201396	n
300	0.7 ± 0.05	0.3	0.08	150	2.79	10	0085207	n
305	0.7 ± 0.05	0.3	0.08	152	2.81	10	5009242	10
350	0.7 ± 0.05	0.3	0.08	175	3.3	10	0085040	10
400	0.7 ± 0.05	0.15	0.08	200	5.12	5	5009243	5
500	0.7 ± 0.05	0.15	0.08	250	6.4	5	5009244	5

Branding
No branding.



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