

KLEGAINE GPU-FG

INDUSTRIAL MAINTENANCE
Industrial ducting hoses/Polyurethane



Applications

Food grade ducting, very smooth.
Ideal for suction and transport of abrasive materials, powders and granules in food industry, drugs in pharmaceutical laboratories.
Industrial vacuum cleaners and floor care applications, lawn mowers and rock wool projection.
Wood working industries.
Wire conduit for robotics, X-ray machine.

Advantages

- n Food grade polyurethane.
- n Good resistance to abrasion, piercing and impacts.
- n Outstanding flex-resistance, thanks to the bonding of the PVC helix and polyurethane wall.
- n Very resistant to hydrolyze and micro-biological attacks.
- n Light, flexible at low temperature. Smooth inner liner ensures optimum flow.
- n Good resistance to ozone and UV.
- n Good resistance to many oils, solvents, industrial chemicals in the vapour phase at moderate concentration.

Technical description

Ether-base polyurethane wall, transparent, smooth inside.
Reinforcement: hard PVC impact resistant helix embedded in the polyurethane wall.
Temperature range: - 30 °C to + 80 °C .
Electrical properties: Non conductive.
Option: copper string PVC-coated to obtain electric equipotentiality.
Special properties: Abrasion DIN 53516 : 40 mm³.
Food grade quality.
Standard/Approval:
EU regulation 2007/19/CE.

Couplings/Fittings

Standard: connexion by clamp.
Option: can be screwed into the couplings.



Complementary information

Technical data for working conditions at 20 °C temperature.

KLEGAINE GPU-FG

08/07/2011

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	
20	± 0.5	0.5 +0.2/-0.1	1.5	0.60	14	0.15	20	5009201	40
25	± 0.5	0.5 +0.2/-0.1	1.5	0.60	17	0.18	20	5009202	n
30	± 0.5	0.5 +0.2/-0.1	1.5	0.60	21	0.2	20	5009203	40
32	± 0.5	0.5 +0.2/-0.1	1.5	0.60	22	0.21	20	5009204	n
35	± 1.0	0.5 +0.2/-0.1	1.2	0.60	24	0.23	20	5009205	40
38	± 1.0	0.5 +0.2/-0.1	1.2	0.60	27	0.24	20	5009206	40
40	± 1.0	0.5 +0.2/-0.1	1.15	0.50	28	0.25	20	5009207	40
45	± 1.0	0.5 +0.2/-0.1	1.15	0.50	31	0.28	20	5009208	40
51	± 1.0	0.5 +0.2/-0.1	1.15	0.48	35	0.32	20	5009209	n
60	± 1.0	0.5 +0.2/-0.1	1.0	0.30	42	0.39	20	5009210	40
63	± 1.0	0.5 +0.2/-0.1	1.0	0.30	44	0.39	20	5009211	n
70	± 1.5	0.5 +0.2/-0.1	1.0	0.26	49	0.5	20	5009212	40
76	± 1.5	0.6 +0.2/-0.1	1.0	0.16	52	0.55	20	5009213	n
80	± 1.5	0.6 +0.2/-0.1	1.0	0.16	56	0.6	20	5009214	40
90	± 1.5	0.6 +0.2/-0.1	1.0	0.16	63	0.7	20	5009215	40
100	± 1.5	0.6 +0.2/-0.1	1.0	0.16	70	0.81	20	5009216	n
102	± 1.5	0.6 +0.2/-0.1	1.0	0.16	70	0.81	20	5009217	40
120	± 1.5	0.6 +0.2/-0.1	0.8	0.16	84	0.95	20	5009218	40
125	± 1.5	0.6 +0.2/-0.1	0.8	0.16	87	1.15	20	5009219	40
140	± 1.5	0.6 +0.2/-0.1	0.6	0.16	98	1.28	20	5009220	40
152	± 2.0	0.7 +0.2/-0.1	0.6	0.16	105	1.4	20	5009221	40
160	± 2.0	0.7 +0.2/-0.1	0.5	0.16	112	1.6	20	5009222	40
180	± 2.0	0.7 +0.2/-0.1	0.5	0.16	126	1.85	10	5009223	10
200	± 2.0	0.7 +0.2/-0.1	0.4	0.16	140	2.0	10	5009224	10
250	± 2.0	0.7 +0.2/-0.1	0.3	0.15	175	2.5	10	5009225	10

Branding

No branding.



TRELLEBORG
ENGINEERED SYSTEMS

Trelleborg Industrie SAS - ZI La Combaude - Rue de Chantemerle - 63050 Clermont-Ferrand Cedex 2 - France
www.trelleborg.com/industrialhose