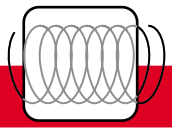
KLEGAINE GPU-FG



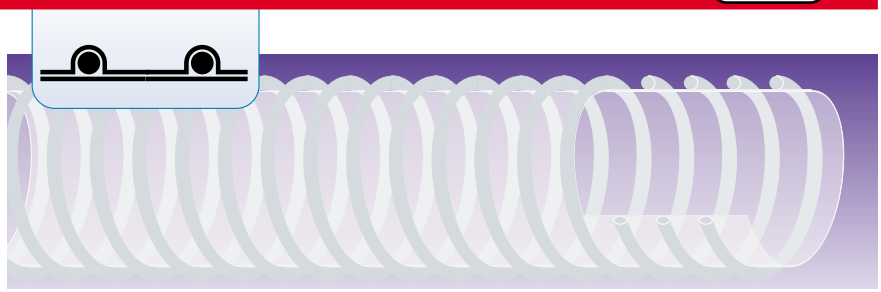
Applications

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 movers and rock wool projection.
- Wood working industries.
- Wire conduit for robotics, X-ray machine.

Avantages

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



Technical description

Inner tube: ether-base polyurethane, transparent, smooth.
Helix: hard PVC impact resistant, embedded in the polyurethane wall.
Cover: ether-base polyurethane, transparent, corrugated.
Temperature range: - 30 °C to + 80 °C.
Electrical properties:
• Standard: non conductive.
• Option: copper string PVC-coated to obtain electric equipotentiality.
Special properties:
• Food grade quality.
• Abrasion DIN53516: 40 mm^3.
Branding: unbranded.
Coupling: connexion by clamp.
Standard / Approval: food grade approval from the french Institute of Poitiers (IANESCO).

ID mm		Wall thickness mm		OD mm	Working pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Article No.	Stock item
20	± 0.5	0.5	+ 0.2 / – 0.1	NS	1.50	0.60	14	0.15	20	5009201	*1*
25	± 0.5	0.5	+ 0.2 / – 0.1	NS	1.50	0.60	17	0.18	20	5009202	*1*
30	± 0.5	0.5	+ 0.2 / – 0.1	NS	1.50	0.60	21	0.20	20	5009203	*1*
32	± 0.5	0.5	+ 0.2 / – 0.1	NS	1.50	0.60	22	0.21	20	5009204	*1*
35	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.20	0.60	24	0.23	20	5009205	*1*
38	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.20	0.60	27	0.24	20	5009206	*1*
40	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.15	0.50	28	0.25	20	5009207	*1*
45	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.15	0.50	31	0.28	20	5009208	*1*
51	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.15	0.48	35	0.32	20	5009209	*1*
60	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.00	0.30	42	0.39	20	5009210	*1*
63	± 1.0	0.5	+ 0.2 / – 0.1	NS	1.00	0.30	44	0.39	20	5009211	*1*
70	± 1.5	0.5	+ 0.2 / – 0.1	NS	1.00	0.26	49	0.50	20	5009212	*1*
76	± 1.5	0.6	+ 0.2 / – 0.1	NS	1.00	0.16	52	0.55	20	5009213	*1*
80	± 1.5	0.6	+ 0.2 / – 0.1	NS	1.00	0.16	56	0.60	20	5009214	*1*
90	± 1.5	0.6	+ 0.2 / – 0.1	NS	1.00	0.16	63	0.70	20	5009215	*1*
100	± 1.5	0.6	+ 0.2 / – 0.1	NS	1.00	0.16	70	0.81	20	5009216	*1*
102	± 1.5	0.6	+ 0.2 / – 0.1	NS	1.00	0.16	70	0.81	20	5009217	*1*
120	± 1.5	0.6	+ 0.2 / – 0.1	NS	0.80	0.16	84	0.95	20	5009218	*1*
125	± 1.5	0.6	+ 0.2 / – 0.1	NS	0.80	0.16	87	1.15	20	5009219	*1*
140	± 1.5	0.6	+ 0.2 / – 0.1	NS	0.60	0.16	98	1.28	20	5009220	*1*
152	± 2.0	0.7	+ 0.2 / – 0.1	NS	0.60	0.16	105	1.40	20	5009221	*1*
160	± 2.0	0.7	+ 0.2 / – 0.1	NS	0.50	0.16	112	1.60	20	5009222	*1*
180	± 2.0	0.7	+ 0.2 / – 0.1	NS	0.50	0.16	126	1.85	10	5009223	*2*
200	± 2.0	0.7	+ 0.2 / – 0.1	NS	0.40	0.16	140	2.00	10	5009224	*2*
250	± 2.0	0.7	+ 0.2 / – 0.1	NS	0.30	0.15	175	2.50	10	5009225	*2*

Technical data for working conditions at + 20 °C temperature.

• = Stock item.
1 = Non stock, min. quantity = 40 m.
2 = Non stock, min. quantity = 10 m.
NS = No significant.
Option EC: Non stock, min. quantity: Ø ≤ 160 = 25 m ; Ø > 160 = 10 m.

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INDUSTRIAL DUCTING HOSES - Polyurethane