

# KLEGAINE GPU-FG



## GENERAL INDUSTRY



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

Food grade polyurethane.  
 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.  
 Light, flexible at low temperature. Smooth inner liner ensures optimum flow.  
 Good resistance to ozone and UV.  
 Good resistance to many oils, solvents, industrial chemicals in the vapour phase at moderate concentration.

### COUPLING/FITTINGS

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

### COMPLEMENTARY INFORMATION

Technical data for working conditions at 20°C temperature.

### TECHNICAL DESCRIPTION

Technical Description	Ether-base polyurethane wall, transparent, smooth inside.
Reinforcement	hard PVC impact resistant helix embedded in the polyurethane wall
Temperature range	-30°C => +80°C
Electrical Properties	Non conductive. Option: copper string PVC-coated to obtain electric equipotentiality.
Special Properties	Abrasion ISO 4649: 40mm <sup>3</sup> . Food grade quality.

### STANDARD/APPROVAL

EU regulation 10/2011/CE.





GENERAL INDUSTRY

KLEGAINE GPU-FG



ID (MM)	WORKING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
20.0	1.5	20	0.14	20	5009201
25.0	1.5	25	0.16	20	5009202
30.0	1.5	30	0.20	20	5009203
32.0	1.5	32	0.21	20	5009204
35.0	1.5	35	0.24	20	5009205
38.0	1.5	38	0.26	20	5009206
40.0	1.5	40	0.26	20	5009207
45.0	1.5	45	0.30	20	5009208
51.0	1.0	50	0.33	20	5009209
60.0	1	60	0.41	20	5009210
63.0	1	63	0.43	20	5009211
70.0	1	70	0.52	20	5009212
76.0	1	75	0.58	20	5009213
80.0	1	80	0.63	20	5009214
90.0	1	90	0.73	20	5009215
100.0	1	100	0.85	20	5009216
102.0	1	102	0.88	20	5009217
120.0	0.8	120	1.03	20	5009218
127.0	0.8	125	1.08	20	5009219
140.0	0.6	140	1.28	20	5009220
152.0	0.6	152	1.44	20	5009221
160.0	0.5	160	1.60	20	5009222
180.0	0.5	180	1.91	10	5009223
203.0	0.4	200	2.23	10	5009224
250.0	0.3	250	3.00	10	5009225

Tolerance on length:  $\pm 1\%$  (ISO 1307 Standard).

