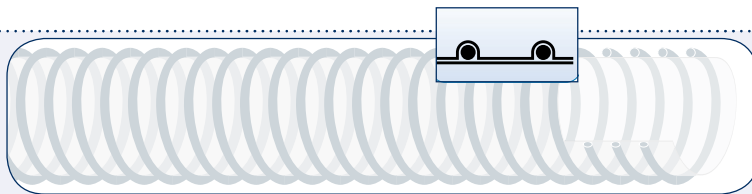


# KLEGAINE GPU-FG

## INDUSTRIAL MAINTENANCE

Industrial ducting/PUR



### 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.

### 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 ISO 4649: 40 mm<sup>3</sup>.  
Food grade quality.  
**Standard/Approval:**  
EU regulation 10/2011/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.



ID mm		Wall thickness mm		Working pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Notes
<b>20</b>	± 0.5	0.5	+ 0.2/- 0.1	1.50	0.60	14	0.15	20	
<b>25</b>	± 0.5	0.5	+ 0.2/- 0.1	1.50	0.60	17	0.18	<b>20</b>	
<b>30</b>	± 0.5	0.5	+ 0.2/- 0.1	1.50	0.60	21	0.20	20	
<b>32</b>	± 0.5	0.5	+ 0.2/- 0.1	1.50	0.60	22	0.21	<b>20</b>	
<b>35</b>	± 1.0	0.5	+ 0.2/- 0.1	1.20	0.60	24	0.23	20	
<b>38</b>	± 1.0	0.5	+ 0.2/- 0.1	1.20	0.60	27	0.24	20	
<b>40</b>	± 1.0	0.5	+ 0.2/- 0.1	1.15	0.50	28	0.25	20	
<b>45</b>	± 1.0	0.5	+ 0.2/- 0.1	1.15	0.50	31	0.28	20	
<b>51</b>	± 1.0	0.5	+ 0.2/- 0.1	1.15	0.48	35	0.32	<b>20</b>	
<b>60</b>	± 1.0	0.5	+ 0.2/- 0.1	1.00	0.30	42	0.39	20	
<b>63</b>	± 1.0	0.5	+ 0.2/- 0.1	1.00	0.30	44	0.39	<b>20</b>	
<b>70</b>	± 1.5	0.5	+ 0.2/- 0.1	1.00	0.26	49	0.50	20	
<b>76</b>	± 1.5	0.6	+ 0.2/- 0.1	1.00	0.16	52	0.55	<b>20</b>	
<b>80</b>	± 1.5	0.6	+ 0.2/- 0.1	1.00	0.16	56	0.60	20	
<b>90</b>	± 1.5	0.6	+ 0.2/- 0.1	1.00	0.16	63	0.70	20	
<b>100</b>	± 1.5	0.6	+ 0.2/- 0.1	1.00	0.16	70	0.81	<b>20</b>	
<b>102</b>	± 1.5	0.6	+ 0.2/- 0.1	1.00	0.16	70	0.81	20	
<b>120</b>	± 1.5	0.6	+ 0.2/- 0.1	0.80	0.16	84	0.95	20	
<b>125</b>	± 1.5	0.6	+ 0.2/- 0.1	0.80	0.16	87	1.15	20	
<b>140</b>	± 1.5	0.6	+ 0.2/- 0.1	0.60	0.16	98	1.28	20	
<b>152</b>	± 2.0	0.7	+ 0.2/- 0.1	0.60	0.16	105	1.40	20	
<b>160</b>	± 2.0	0.7	+ 0.2/- 0.1	0.50	0.16	112	1.60	20	
<b>180</b>	± 2.0	0.7	+ 0.2/- 0.1	0.50	0.16	126	1.85	10	
<b>200</b>	± 2.0	0.7	+ 0.2/- 0.1	0.40	0.16	140	2.00	10	
<b>250</b>	± 2.0	0.7	+ 0.2/- 0.1	0.30	0.15	175	2.50	10	

**Length in blue = stock item.** Length in black = non stock (consult us for minimum quantity of order).

Option EC: non stock.

No branding.