

SILICON HOSE FOR HOT PET CONVEYANCE

Temp: 260°C

Since 1990
FLEXAFLEX



Structure:

Silicone Rubber coated 5 Layer fiber glass fabric hose reinforced with very strong spring steel wire with an extra white inner tube made of abrasion resistant silicone rubber of app. 2.5 mm Wall thickness.

Wall Thickness:

3 mm outer / 2.5 mm inner
Total Thickness App. 5 / 5.5 mm)

Colour:

Red

Temperature range:

1. -70°C to 200°C - for HOT PET Conveyance
2. -70°C to 260°C - for HOT AIR Suction and Delivery

Std. Length:

4 Meters

Applications:

Vacuum conveying of HOT PET granules, suction and delivery of solid and liquid, suction and blowing of hot air etc.

 int mm	 Out mm	 Wire.mm	 Pitch.mm	 bar	 bar
63	73	2.2	18.5	3.700	0.717
83	93	2.2	21.0	3.300	0.670
102	112	2.2	22.6	3.100	0.620
152	162	2.5	26.5	2.800	0.358
203	213	3.0	35.0	2.100	0.270

● All technical data are subject to dimensional tolerances of $\pm 0.5\%$.

● All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances.
Max.operating pressures apply only for short periods. We reserve the right to make technical changes and color deviations.

Further Versions: RIGID SILICONE HOSE - FDA



Structure:

- wall: silicone-coated sealed fiberglass fabric
- spiral spring steel wire integrated in wall
- wall thickness 5 mm

Material:

- wall: silicone-coated sealed fiberglass fabric
- spiral spring steel wire integrated in wall

Temperature range:

-40 °C approx. to +220 °C approx.
short time to +280°C approx

Colour:

Red

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SILICON HOSE FOR HOT PET CONVEYANCE

Properties:

- double-layer
- smooth interior
- good flow characteristics
- good overpressure and vacuum tightness
- superior heat and cold resistance
- lightweight
- flame-retardant according to UL94-HB
(can customize UL94-V0)
- de-dusting in clean room
- food quality complied with FDA

Application:

- welding fume extraction
- conveying heat granules for feeding equipment
- for food and pharmaceutical industry

 int mm	 Out mm	 bar	 bar	 Std. Len. mtr
38	46	4.300	1.107	4.00
40	48	4.300	1.100	4.00
45	63	4.100	0.900	4.00
51	59	4.000	0.811	4.00
63	71	3.700	0.717	4.00
76	84	3.400	0.700	4.00
80	88	3.300	0.670	4.00
83	91	3.200	0.670	4.00
89	97	3.100	0.650	4.00
102	110	2.700	0.620	4.00
114	122	2.900	0.570	4.00
120	128	2.900	0.546	4.00
127	135	2.900	0.400	4.00
152	160	2.800	0.358	4.00

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