



FLEXIBLE POLYURETHANE HOSE

PUHO



PUHO suction and transport hose
- very light, antistatic and microbial resistant.

The hose is available in lengths of 10, 5 and 2,5 meters and is stored in the dimensions shown in the table below.

Request a quote for other lengths or dimensions.

Material

- Spiral: spring steel spiral
- Wall: polyester polyurethane (according to DIN ISO 4649 more durable than polyether polyurethane)
- Wall thickness between the spirals: approx. 0.4-0.5 mm

Area of use

- Transport of fine grain particles, such as dust and powder
- Extraction of paper and textile fibers
- Suction and transport hose for abrasive materials, liquids and gases
- Protection hose for mechanical impact
- Granules transport hose
- Extraction of oil mist
- Ventilation

Characteristics

- Approved according to TRGS 727 and ATEX 2014/34 EU
- Good resistance to chemicals, oil and gasoline
- Hardly flammable according to DIN 4102 B1
- Antistatic, surface resistance $<10^9$ Ohm
- Microbial resistant
- Minimum bend radius
- Very durable
- Very light
- Very flexible
- Compressible approx. 1:5
- Folds symmetrical
- Free from halogens and plasticizers
- High tensile strength
- Generally good UV and ozone resistance

Temperature range

-40°C to +90°C
peaks to +125°C

Ø	Vacuum bar	Bend radius mm	Ø outside mm	Weight kg/m
51	0,16	25	55	0,18
63	0,13	33	70	0,23
76	0,11	37	80	0,30
82	0,1	40	85	0,32
102	0,07	50	105	0,4
127	0,07	63	130	0,49
140	0,05	70	145	0,55
152	0,05	75	155	0,59
165	0,05	80	165	0,69
182	0,05	90	185	0,77
203	0,05	100	205	0,92
254	0,02	127	259	1,12
305	0,02	153	310	1,34

Alla uppgifter utgår från en medie- och omgivningstemperatur på +20 °C