

TECHNICAL DATA SHEET: FLEXIBLE POLYURETHANE HOSE (T = 0,7 mm)

Ø mm	op. pressure c. bar	Vacuum c. bar	Bend radius c. mm	Outer Ø c. mm	Weight c. kg/m
051	1,68	0,52	58	58	0,5
063	1,26	0,37	73	73	0,6
076	1,12	0,29	84	84	0,7
082	0,98	0,29	88	88	0,8
102	0,84	0,22	110	110	1,0
127	0,70	0,22	135	135	1,2
152	0,56	0,15	161	161	1,5
165	0,42	0,15	180	180	1,8
182	0,42	0,15	190	190	1,9
203	0,42	0,15	214	214	2,3
229	0,28	0,07	235	235	2,6
254	0,25	0,07	260	260	3,0
305	0,25	0,07	310	310	3,2



Additional Notes

- Pure polyester polyurethane with flame-retardant additives (acc. to DIN ISO 4649 more abrasion-resistant than polyether polyurethane).
- Wall thickness between spirals approx. 0,7 mm.
- Spiral: spring steel wire.
- Available in 5 or 10 meter lengths.

Properties

- Hardly inflammable acc. to DIN 4102 B1.
- Antistatic, surface resistance <109 Ohm.
- Acc. to TRBS 2153 (Zone 20) for flammable dust / bulk solids for conducting electrostatic charges when earthed at both ends of the spiral.
- Microbe-resistant.
- Oil / Petroleum-proof.
- Smallest bending radii.
- Optimum flow characteristics.
- Highly abrasion-resistant.
- Light.
- Very good flexibility.
- Halogen and plasticizer-free.
- Gas-tight.
- Good chemical resistance..
- High tensile strength.
- Generally good UV and ozone resistance.

Temperature Rating of Product Components

Hose	
90°C	Polyurethane hose (intermittent up to 125°C max for short periods)
-40°C	

