

# TECHNICAL DATA SHEET: FLEXIBLE POLYURETHANE HOSE (T = 0,4mm)

Ø mm	op. pressure c. bar	Vacuum c. bar	Bend radius c. mm	Outer Ø c. mm	Weight c. kg/m
051	0,78	0,20	25	57	0,3
063	0,72	0,17	37	71	0,4
076	0,61	0,13	43	83	0,5
082	0,53	0,13	45	88	0,6
102	0,46	0,09	55	108	0,7
127	0,38	0,09	68	134	0,9
152	0,30	0,06	80	159	1,0
165	0,23	0,06	90	179	1,1
182	0,23	0,06	95	189	1,1
203	0,23	0,06	105	210	1,3
229	0,15	0,03	118	235	1,4
254	0,15	0,03	130	260	1,6
305	0,14	0,03	115	310	2,1



## 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. 0,4 mm.
- Spiral: spring steel wire.
- Available in 5 or 10 meter lengths.

## Properties

- Optimum flow characteristics.
- acc. to requirements of the Holz-BG standard, BGI 739-2.
- Hardly inflammable acc. to DIN 4102 B1.
- Highly flexible.
- Compressable approx. 1:5.
- Highly abrasion-resistant.
- Solvent; oil and petroleum resistant.
- Super lightweight.
- High tensile strength.
- Symmetrical fold behaviour.
- Halogen and plasticizer-free.
- Gas-tight.
- Smallest bending radii.
- Generally good UV and ozone resistance.
- Permanently kink resistant.

## Temperature Rating of Product Components

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

