

Master-PUR STEP

PU Film Hose, crush-resistant, hardly inflammable acc. to DIN 4102 B1



Material

spiral: polyurethane, hardly inflammable, with integrated wire

wall: pure polyester polyurethane with flame-retardant additives (acc. to DIN ISO 4649 more abrasion-resistant than polyether polyurethane)

wall thickness between spirals approx. 0.5 mm

Applications

- ideal as Suction Hose for floor-level areas where conventional hoses are subjected to rough conditions and can be permanently deformed
- wood processing
- protective hose
- suction & transport hose for abrasive solids, liquids and gases

Available on request

- available on request in other lengths, sizes

Properties

- hardly inflammable acc. to DIN 4102 B1
- acc. to requirements of the Holz-BG standard, BGI 739-2
- crush-resistant and recoverable
- withstands high mechanical loads
- excellent recovery properties
- abrasion-resistant
- super lightweight
- highly flexible
- good resistance to chemicals, oil and fuel
- generally good UV and ozone resistance
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

Temperature Range

- -40°C to +90°C
- peaks to +125°C

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DN	op. pressure c. bar	vacuum c. mmWG	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
50	0,78	2000	50	68	0,39	311-050-1000	10m
60	0,76	1900	65	80	0,45	311-060-1000	/
75	0,61	1300	75	95	0,61	311-075-1000	10m
80	0,53	1300	80	100	0,65	311-080-1000	/
100	0,46	900	100	120	0,80	311-100-1000	10m
120	0,38	900	120	140	0,95	311-120-1000	/
140	0,30	600	140	160	1,15	311-140-1000	/
150	0,30	600	150	170	1,20	311-150-1000	10m
160	0,30	600	160	180	1,30	311-160-1000	/

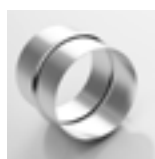
All data refers to a media and ambient temperature of +20 °C
 * refers to the inside of the hose
 Manufactured to order, lead time approx' 7days
 Subject to technical changes and colour deviations.



Car-Grip Quick-Fix Clamp



Car-Grip Hose Clamp,
screwable



Hose Connector