

Master-PUR STEP

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

Material

- 1 spiral: polyurethane, hardly inflammable, with integrated wire
- 2 wall: pure polyester polyurethane with flame-retardant additives (acc. to DIN ISO 4649 more abrasion-resistant than polyether polyurethane)
- 3 wall thickness between spirals approx. 0.5 mm

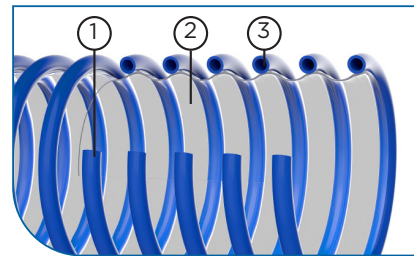
Applications

- 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



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

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	new article no.	standard length	max. production length
mm	bar	bar	mm	mm	kg			m	m
50*	0.78	0.2	50	68	0.39	311-050-x	000396-050-x	10	25
51*	0.78	0.2	50	68	0.39	311-051-x	000396-051-x	10	25
60*	0.76	0.19	65	80	0.45	311-060-x	000396-060-x	10	25
75*	0.62	0.13	74	94	0.6	311-075-x	000396-075-x	10	25
76*	0.61	0.13	75	95	0.61	311-076-x	000396-076-x	10	25
80*	0.53	0.13	80	100	0.65	311-080-x	000396-080-x	10	25
100*	0.47	0.09	98	118	0.79	311-100-x	000396-100-x	10	25
102*	0.46	0.09	100	120	0.8	311-102-x	000396-102-x	10	25
120*	0.38	0.09	120	140	0.95	311-120-x	000396-120-x	10	25
140*	0.3	0.06	140	160	1.15	311-140-x	000396-140-x	10	25
150*	0.3	0.06	148	168	1.19	311-150-x	000396-150-x	10	25
152*	0.3	0.06	150	170	1.2	311-152-x	000396-152-x	10	25
160*	0.3	0.06	160	180	1.3	311-160-x	000396-160-x	10	25

All data refers to a medium and ambient temperature of +20 °C.

* Available on request

Subject to technical changes and colour deviations.



Clip-Grip Quick-Fix Clamp



Clip-Grip Hose Clamp, screwable



Hose Connector



PU Cuff, pre-fitted