

Master-PUR STEP EL

PU Film Hose,
crush-resistant,
highly flexible,
electro-conductive,
surface resistance
 $\leq 10^4$ Ohm



Material

- spiral: polyurethane, electro-conductive
- wall: electro-conductive polyurethane, surface resistance $R_o \leq 10^4$ Ohm

Applications

- Ideal as suction hose for floor-level areas where conventional hoses are subjected to rough conditions and can be permanently deformed
- Extraction/suction of grinding dust
- Protective hose
- Suction & transport hose for abrasive solids, liquids and gases
- Ideal for handheld processing machines

Properties

- optimum flow characteristics
- acc. to TRBS 2153 (Zone 0, 20) suitable for flammable liquids/dusts for dissipation of electro-static charges with grounding at both ends of the spiral
- crush-resistant and recoverable
- excellent recovery properties
- highly flexible
- withstands high mechanical loads
- abrasion-resistant
- super lightweight
- generally good UV and ozone resistance

Temperature Range

- -40°C to +90°C
- peaks to +110°C

DN	op. pressure c. bar	vacuum c. bar	bend radius c. mm*	outerØ c. mm	weight c. kg/m	article no.	stock lengths	production lengths
38	1.2	0.4	40	53	0.3	311-038-903	/	to max. 25m
50	1.0	0.4	50	65	0.4	311-050-908	/	to max. 25m
63	0.78	0.3	61	78	0.51	311-063-901	/	to max. 20m

All data refers to a medium and ambient temperature of +20 °C.
* Refers to the inner hose lining
Subject to technical changes and colour deviations.



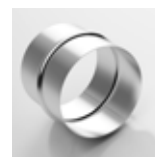
Combiflex PU-Cuff



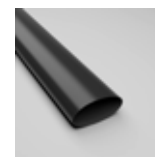
Car-Grip Hose Clamp



Car-Grip Hose Clamp



Hose Connector



Heat Shrink Cuff

Hose Construction Designs - see Technical Appendix
Installation & Connections - see Chapter 16

Chemical Resistance - see Technical Appendix
Price - see Price List