

## 1.10 PRIMAFLEX PU M EL

Temperature range -40 °C to 90 °C



### Description

Electrically conductive, medium weight PU hose made of special polyurethane with spring steel spiral embedded in the wall. Very well suited for the passage of abrasive solids such as dusts, powders, fibres, chips, granulates, coarse-grained particles, liquids and gaseous media.

Available in our online shop

### Properties

- Electrically conductive  $< 10^4 \Omega$
- Abrasion-resistant
- Highly flexible
- Largeley smooth inside
- Good oil and gasoline resistance
- Good resistance to chemicals
- Good flexibility at low temperature
- Smallest bending radii
- Non-kinking
- 0,7 mm wall thickness
- Medium-weight version

### Application ranges

Plant engineering, Suction technology, PU hoses, Abrasive solids, Abrasion-resistant hoses-medium load, Suction hoses-small chips and solids, Suction hoses-coarse chips and solids, Suction hoses-dusts and powders, Electrically conductive hoses, Conveyor systems, Conveyor hoses, Polyurethane (PU) hoses, Hazardous areas

### Length

Standard length: 10 m.

### Further informations

Additional diameters, short and over-lengths as well as individual special prints are available on request.

Special desings:

- FDA quality
- Fireflex – flame retardant
- Microbe resistant
- antistatic ( $< 10^9 \Omega$ )

# TECHNICAL SPECIFICATIONS

Inner-Ø (mm)	Outer-Ø (mm)	Bending radius (mm)	Pressure (bar)	Vacuum (bar)	Weight (kg/m)	Length (m)	Article No.
40	47	47	1,4	0,3	0,22	10	3032040
50	58	58	1,3	0,28	0,27	10	3032050
60	68	68	1,1	0,25	0,47	10	3032060
70	78	78	0,9	0,53	0,22	10	3032070
75	83	83	0,8	0,2	0,59	10	3032075
80	88	88	0,7	0,18	0,65	10	3032080
100	108	108	0,6	0,15	0,79	10	3032100
125	133	133	0,4	0,12	0,98	10	3032125
150	158	158	0,25	0,1	1,18	10	3032150
175	183	183	0,25	0,1	1,45	10	3032175
200	208	208	0,2	0,09	1,67	10	3032200
250	258	258	0,15	0,06	2,05	10	3032250
300	309	309	0,12	0,06	2,45	10	3032300
350	359	359	0,1	0,04	2,85	10	3032350
400	409	409	0,08	0,02	3,25	10	3032400
450	459	459	0,06	0,01	3,66	10	3032450
500	510	510	0,04	0,01	4,06	10	3032500