

Master-Clip PUR

Suction & Blower Hose
made from PU film/foil, extremely abrasion-resistant



Material

clip profile spiral: hot-dip galvanised steel band
wall: pure polyurethane foil, plasticiser-free

Applications

- Suction of abrasive solids
- Low pressure range
- Air-conditioning and ventilation systems

Properties

- highly abrasion-resistant
- smallest bending radii
- highly flexible
- extremely compressable to approx. 1:6
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- good mechanical resistance
- more environmentally friendly alternative to PVC hoses
- good resistance to oil and petrol fumes
- cold-resistant
- significantly higher temperature resistance as PVC hoses
- adheres to TRBS 2153 (Zone 1, 21) for non-flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding of Clips and gradient of < 30 mm (see chapter 17.10.5)

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Master-Clip PUR

| DN | op. pressure c. bar | vacuum c. mmWC | bend radius c. mm* | weight c. kg/m | articel no. | | |
|-----|------------------------|-------------------|-----------------------|-------------------|-------------|--|--|
| 40 | 0,63 | 1500 | 24 | 0,4 | 214-040-101 | | |
| 45 | 0,62 | 1450 | 27 | 0,4 | 214-045-101 | | |
| 50 | 0,6 | 1350 | 30 | 0,4 | 214-050-101 | | |
| 55 | 0,575 | 1300 | 33 | 0,4 | 214-055-101 | | |
| 60 | 0,55 | 1260 | 36 | 0,5 | 214-060-101 | | |
| 65 | 0,5 | 1125 | 39 | 0,5 | 214-065-101 | | |
| 70 | 0,4 | 1100 | 42 | 0,5 | 214-070-101 | | |
| 75 | 0,35 | 1000 | 45 | 0,6 | 214-075-101 | | |
| 80 | 0,3 | 900 | 48 | 0,6 | 214-080-101 | | |
| 90 | 0,26 | 800 | 54 | 0,6 | 214-090-101 | | |
| 100 | 0,23 | 675 | 60 | 0,6 | 214-100-101 | | |
| 110 | 0,2 | 575 | 66 | 0,6 | 214-110-101 | | |
| 120 | 0,18 | 525 | 72 | 0,7 | 214-120-101 | | |
| 125 | 0,17 | 500 | 75 | 0,7 | 214-125-101 | | |
| 130 | 0,15 | 475 | 78 | 0,7 | 214-130-101 | | |
| 140 | 0,14 | 450 | 84 | 0,8 | 214-140-101 | | |
| 150 | 0,135 | 440 | 90 | 0,8 | 214-150-101 | | |
| 160 | 0,13 | 390 | 96 | 0,9 | 214-160-101 | | |
| 170 | 0,12 | 350 | 102 | 0,9 | 214-170-101 | | |
| 175 | 0,11 | 330 | 105 | 1 | 214-175-101 | | |
| 180 | 0,105 | 310 | 108 | 1 | 214-180-101 | | |
| 200 | 0,1 | 250 | 120 | 1,1 | 214-200-101 | | |
| 215 | 0,09 | 220 | 151 | 1,2 | 214-215-101 | | |
| 225 | 0,08 | 200 | 158 | 1,3 | 214-225-101 | | |
| 250 | 0,075 | 160 | 175 | 1,4 | 214-250-101 | | |
| 275 | 0,07 | 130 | 193 | 1,7 | 214-275-101 | | |
| 300 | 0,06 | 110 | 210 | 1,9 | 214-300-101 | | |
| 315 | 0,055 | 100 | 221 | 2 | 214-315-101 | | |
| 325 | 0,053 | 95 | 228 | 2,1 | 214-325-101 | | |
| 350 | 0,05 | 80 | 245 | 2,3 | 214-350-101 | | |
| 375 | 0,04 | 70 | 263 | 2,7 | 214-375-101 | | |
| 400 | 0,03 | 63 | 280 | 2,9 | 214-400-101 | | |
| 450 | 0,028 | 50 | 360 | 3,5 | 214-450-101 | | |
| 500 | 0,025 | 40 | 400 | 3,9 | 214-500-101 | | |
| 550 | 0,024 | 33 | 440 | 4,4 | 214-550-101 | | |
| 600 | 0,022 | 28 | 480 | 4,9 | 214-600-101 | | |
| 700 | 0,02 | 20 | 560 | 5,8 | 214-700-101 | | |
| 800 | 0,015 | 15 | 640 | 6,7 | 214-800-101 | | |
| 900 | 0,01 | 10 | 720 | 7,6 | 214-900-101 | | |

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

* refers to the inside of the hose

Order-specific production in above listed sizes and lengths of 3m or 6m, available within 48 hrs on request.

Available on request in other lengths, sizes, colours, spiral intervals, with stainless steel spirals.

Subject to technical changes and colour deviations.



Hose Reducer,
symmetrical



Clip-Grip quick action
clamp



Clip-Grip Hose clamp,
screwable



Hose Connector