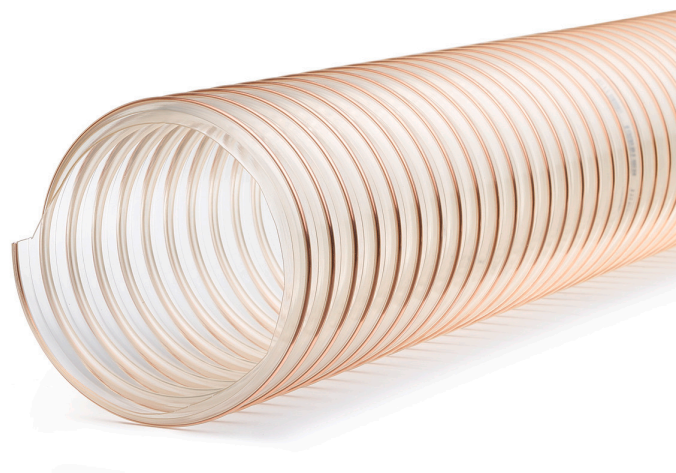


# VACUFLEX® PU 600 FR MHR INDUSTRIAL

Lightweight and highly flexible flame-retardant spiral hose made of polyether polyurethane

|                     |                                                                                                                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, air extraction, wood dust extraction, dust extraction, industrial vacuum cleaners                                                                                                                                |
| <b>Structure</b>    | Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated                                                                                                                          |
| <b>Temperature</b>  | -40°C up to 90°C, short term up to 125°C                                                                                                                                                                                             |
| <b>Properties</b>   | very good flexibility, very good abrasion resistance, good tensile strength, ultimate elongation, free of halogen & softeners, phthalate-free, hydrolysis & microbe resistant, good ozone- & UV-resistance, rot proof, weather proof |



| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 32                  | 36,00               | 0,60                | 32                  | 0,70                          | 0,35              | 0,16400       | 7-9100-032-00/998 |
| 35                  | 39,00               | 0,60                | 35                  | 0,70                          | 0,35              | 0,17900       | 7-9100-035-00/998 |
| 38                  | 42,00               | 0,60                | 38                  | 0,70                          | 0,35              | 0,19300       | 7-9100-038-00/998 |
| 40                  | 45,00               | 0,60                | 40                  | 0,70                          | 0,35              | 0,22800       | 7-9100-040-00/998 |
| 42                  | 47,00               | 0,60                | 42                  | 0,70                          | 0,35              | 0,23900       | 7-9100-042-00/998 |
| 45                  | 50,00               | 0,60                | 45                  | 0,70                          | 0,35              | 0,25500       | 7-9100-045-00/998 |
| 48                  | 53,00               | 0,60                | 48                  | 0,70                          | 0,35              | 0,27100       | 7-9100-048-00/998 |
| 50                  | 55,00               | 0,60                | 50                  | 0,70                          | 0,35              | 0,28200       | 7-9100-050-00/998 |
| 51                  | 56,00               | 0,60                | 51                  | 0,60                          | 0,25              | 0,28800       | 7-9100-051-00/998 |
| 55                  | 60,00               | 0,60                | 55                  | 0,60                          | 0,25              | 0,31000       | 7-9100-055-00/998 |
| 60                  | 65,00               | 0,60                | 60                  | 0,60                          | 0,25              | 0,35500       | 7-9100-060-00/998 |
| 65                  | 70,00               | 0,60                | 65                  | 0,60                          | 0,25              | 0,38500       | 7-9100-065-00/998 |
| 70                  | 75,00               | 0,60                | 70                  | 0,60                          | 0,25              | 0,43200       | 7-9100-070-00/998 |
| 75                  | 80,00               | 0,60                | 75                  | 0,60                          | 0,25              | 0,46200       | 7-9100-075-00/998 |
| 76                  | 81,00               | 0,60                | 76                  | 0,60                          | 0,25              | 0,46800       | 7-9100-076-00/998 |
| 80                  | 85,00               | 0,60                | 80                  | 0,40                          | 0,15              | 0,49200       | 7-9100-080-00/998 |
| 83                  | 88,00               | 0,60                | 83                  | 0,40                          | 0,15              | 0,51000       | 7-9100-083-00/998 |
| 90                  | 95,00               | 0,60                | 90                  | 0,40                          | 0,15              | 0,55200       | 7-9100-090-00/998 |
| 100                 | 106,00              | 0,60                | 100                 | 0,40                          | 0,15              | 0,56900       | 7-9100-100-00/998 |
| 102                 | 108,00              | 0,60                | 102                 | 0,30                          | 0,10              | 0,58000       | 7-9100-102-00/998 |
| 110                 | 116,00              | 0,60                | 110                 | 0,30                          | 0,10              | 0,62500       | 7-9100-110-00/998 |
| 120                 | 126,00              | 0,60                | 120                 | 0,30                          | 0,10              | 0,68000       | 7-9100-120-00/998 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 125                 | 131,00              | 0,60                | 125                 | 0,30                          | 0,10              | 0,70800       | 7-9100-125-00/998 |
| 127                 | 133,00              | 0,60                | 127                 | 0,30                          | 0,10              | 0,72000       | 7-9100-127-00/998 |
| 130                 | 136,00              | 0,60                | 130                 | 0,30                          | 0,10              | 0,73600       | 7-9100-130-00/998 |
| 140                 | 146,00              | 0,60                | 140                 | 0,30                          | 0,10              | 0,79200       | 7-9100-140-00/998 |
| 150                 | 156,00              | 0,60                | 150                 | 0,30                          | 0,10              | 0,84800       | 7-9100-150-00/998 |
| 152                 | 158,00              | 0,60                | 152                 | 0,30                          | 0,10              | 0,85900       | 7-9100-152-00/998 |
| 160                 | 166,00              | 0,60                | 160                 | 0,20                          | 0,05              | 0,90300       | 7-9100-160-00/998 |
| 175                 | 181,00              | 0,60                | 175                 | 0,20                          | 0,05              | 0,98700       | 7-9100-175-00/998 |
| 180                 | 186,00              | 0,60                | 180                 | 0,20                          | 0,05              | 1,01500       | 7-9100-180-00/998 |
| 200                 | 207,00              | 0,60                | 200                 | 0,20                          | 0,05              | 1,17000       | 7-9100-200-00/998 |
| 203                 | 210,00              | 0,60                | 203                 | 0,20                          | 0,05              | 1,18700       | 7-9100-203-00/998 |
| 225                 | 232,00              | 0,60                | 225                 | 0,20                          | 0,05              | 1,31500       | 7-9100-225-00/998 |
| 280                 | 287,00              | 0,60                | 280                 | 0,10                          | 0,02              | 1,63200       | 7-9100-280-00/998 |
| 300                 | 307,00              | 0,60                | 300                 | 0,10                          | 0,02              | 1,85500       | 7-9100-300-00/998 |
| 350                 | 357,00              | 0,60                | 350                 | 0,10                          | 0,02              | 2,16200       | 7-9100-350-00/998 |