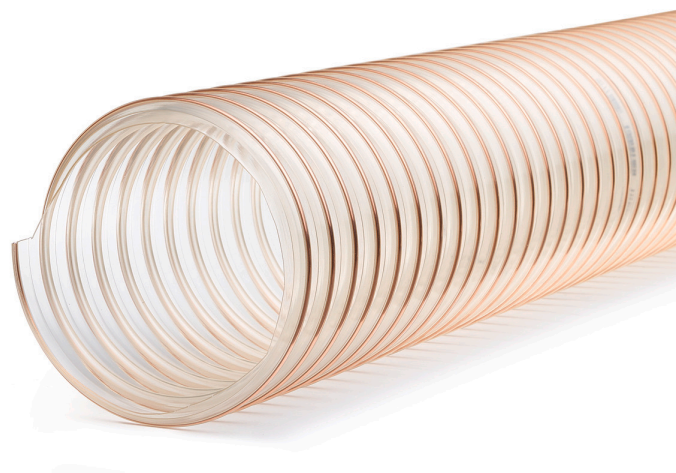


# VACUFLEX® PU 600 MHR INDUSTRIAL

Light weight and very flexible spiral hose made of Polyether-Polyurethane

|                     |                                                                                                                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, extractions arms, air extraction, dust extraction, textile fiber extraction                                                                                                                                      |
| <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, weather proof, rot 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       | 7-1000-032-16/998 |
| 35                  | 39,00               | 0,60                | 35                  | 0,70                          | 0,35              | 0,17900       | 7-1000-035-16/998 |
| 38                  | 42,00               | 0,60                | 38                  | 0,70                          | 0,35              | 0,19300       | 7-1000-038-16/998 |
| 40                  | 45,00               | 0,60                | 40                  | 0,70                          | 0,35              | 0,22800       | 7-1000-040-16/998 |
| 42                  | 47,00               | 0,60                | 42                  | 0,70                          | 0,35              | 0,23900       | 7-1000-042-16/998 |
| 45                  | 50,00               | 0,60                | 45                  | 0,70                          | 0,35              | 0,25500       | 7-1000-045-16/998 |
| 48                  | 53,00               | 0,60                | 48                  | 0,70                          | 0,35              | 0,27100       | 7-1000-048-16/998 |
| 50                  | 55,00               | 0,60                | 50                  | 0,70                          | 0,35              | 0,28200       | 7-1000-050-16/998 |
| 51                  | 56,00               | 0,60                | 51                  | 0,60                          | 0,25              | 0,30300       | 7-1000-051-16/998 |
| 55                  | 60,00               | 0,60                | 55                  | 0,60                          | 0,25              | 0,31000       | 7-1000-055-16/998 |
| 60                  | 65,00               | 0,60                | 60                  | 0,60                          | 0,25              | 0,35500       | 7-1000-060-16/998 |
| 63                  | 68,00               | 0,60                | 63                  | 0,60                          | 0,25              | 0,37200       | 7-1000-063-16/998 |
| 65                  | 70,00               | 0,60                | 65                  | 0,60                          | 0,25              | 0,38500       | 7-1000-065-16/998 |
| 70                  | 75,00               | 0,60                | 70                  | 0,60                          | 0,25              | 0,43200       | 7-1000-070-16/998 |
| 75                  | 80,00               | 0,60                | 75                  | 0,60                          | 0,25              | 0,46200       | 7-1000-075-16/998 |
| 76                  | 81,00               | 0,60                | 76                  | 0,60                          | 0,25              | 0,49100       | 7-1000-076-16/998 |
| 80                  | 85,00               | 0,60                | 80                  | 0,40                          | 0,15              | 0,49200       | 7-1000-080-16/998 |
| 82                  | 87,00               | 0,60                | 82                  | 0,40                          | 0,15              | 0,50500       | 7-1000-082-16/998 |
| 83                  | 88,00               | 0,60                | 83                  | 0,40                          | 0,15              | 0,51000       | 7-1000-083-16/998 |
| 90                  | 95,00               | 0,60                | 90                  | 0,40                          | 0,15              | 0,55300       | 7-1000-090-16/998 |
| 100                 | 106,00              | 0,60                | 100                 | 0,40                          | 0,15              | 0,59800       | 7-1000-100-16/998 |
| 102                 | 108,00              | 0,60                | 102                 | 0,30                          | 0,10              | 0,61000       | 7-1000-102-16/998 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 110                 | 116,00              | 0,60                | 110                 | 0,30                          | 0,10              | 0,65500       | 7-1000-110-16/998 |
| 120                 | 126,00              | 0,60                | 120                 | 0,30                          | 0,10              | 0,71400       | 7-1000-120-16/998 |
| 125                 | 131,00              | 0,60                | 125                 | 0,30                          | 0,10              | 0,74400       | 7-1000-125-16/998 |
| 127                 | 133,00              | 0,60                | 127                 | 0,30                          | 0,10              | 0,75500       | 7-1000-127-16/998 |
| 130                 | 136,00              | 0,60                | 130                 | 0,30                          | 0,10              | 0,77300       | 7-1000-130-16/998 |
| 140                 | 146,00              | 0,60                | 140                 | 0,30                          | 0,10              | 0,79200       | 7-1000-140-16/998 |
| 145                 | 151,00              | 0,60                | 145                 | 0,30                          | 0,10              | 0,82000       | 7-1000-145-16/998 |
| 150                 | 156,00              | 0,60                | 150                 | 0,30                          | 0,10              | 0,84800       | 7-1000-150-16/998 |
| 152                 | 158,00              | 0,60                | 152                 | 0,30                          | 0,10              | 0,85900       | 7-1000-152-16/998 |
| 155                 | 161,00              | 0,60                | 155                 | 0,30                          | 0,10              | 0,87600       | 7-1000-155-16/998 |
| 160                 | 166,00              | 0,60                | 160                 | 0,20                          | 0,05              | 0,90300       | 7-1000-160-16/998 |
| 165                 | 171,00              | 0,40                | 165                 | 0,20                          | 0,05              | 0,93600       | 7-1000-165-16/998 |
| 175                 | 181,00              | 0,60                | 175                 | 0,20                          | 0,05              | 0,98700       | 7-1000-175-16/998 |
| 180                 | 186,00              | 0,60                | 180                 | 0,20                          | 0,05              | 1,01500       | 7-1000-180-16/998 |
| 200                 | 207,00              | 0,60                | 200                 | 0,20                          | 0,05              | 1,17000       | 7-1000-200-16/998 |
| 203                 | 210,00              | 0,60                | 203                 | 0,20                          | 0,05              | 1,18700       | 7-1000-203-16/998 |
| 220                 | 227,00              | 0,60                | 220                 | 0,20                          | 0,05              | 1,28600       | 7-1000-220-16/998 |
| 225                 | 232,00              | 0,60                | 225                 | 0,20                          | 0,05              | 1,31500       | 7-1000-225-16/998 |
| 254                 | 261,00              | 0,60                | 254                 | 0,10                          | 0,02              | 1,55700       | 7-1000-254-16/998 |
| 280                 | 287,00              | 0,60                | 280                 | 0,10                          | 0,02              | 1,71400       | 7-1000-280-16/998 |
| 300                 | 307,00              | 0,60                | 300                 | 0,10                          | 0,02              | 1,94900       | 7-1000-300-16/998 |
| 305                 | 312,00              | 0,60                | 305                 | 0,10                          | 0,02              | 1,98200       | 7-1000-305-16/998 |
| 350                 | 357,00              | 0,60                | 350                 | 0,10                          | 0,02              | 2,27000       | 7-1000-350-16/998 |
| 405                 | 412,00              | 0,60                | 405                 | 0,10                          | 0,02              | 2,62600       | 7-1000-405-16/998 |
| 504                 | 511,00              | 0,60                | 504                 | 0,10                          | 0,02              | 3,26300       | 7-1000-504-16/998 |