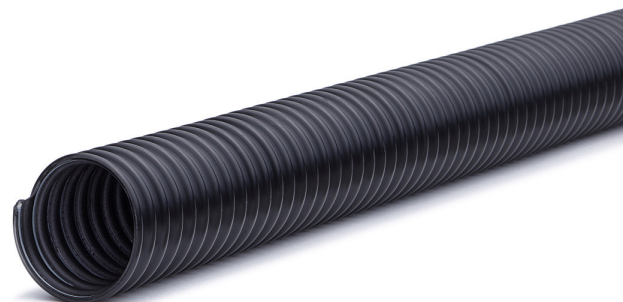


### VACUFLEX® K1H PU MHR

Light weight and flexible hose made of Polyurethane

|                     |                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | cleaning, industrial vacuum cleaners, engine construction, medical devices, cable protection                                                      |
| <b>Structure</b>    | TPU / Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU                          |
| <b>Temperature</b>  | -40°C up to 90°C, short term up to 125°C                                                                                                          |
| <b>Properties</b>   | light weight, good flexibility, good tensile strength, ultimate elongation, good abrasion resistance, free of halogen & softeners, phthalate-free |



| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 10                  | 15,60               | 0,50                | 10                  | 0,60                          | 0,45              | 0,08400       | 1-1806-010-00/999 |
| 11                  | 16,60               | 0,50                | 11                  | 0,60                          | 0,45              | 0,16900       | 1-1806-011-00/999 |
| 12                  | 17,60               | 0,50                | 12                  | 0,60                          | 0,45              | 0,09800       | 1-1806-012-00/999 |
| 14                  | 19,60               | 0,50                | 14                  | 0,60                          | 0,45              | 0,11200       | 1-1806-014-00/999 |
| 16                  | 21,60               | 0,50                | 16                  | 0,60                          | 0,45              | 0,12600       | 1-1806-016-00/999 |
| 18                  | 23,60               | 0,50                | 18                  | 0,60                          | 0,45              | 0,17200       | 1-1806-018-00/999 |
| 20                  | 25,60               | 0,50                | 20                  | 0,60                          | 0,45              | 0,18800       | 1-1806-020-00/999 |
| 22                  | 27,60               | 0,50                | 22                  | 0,60                          | 0,45              | 0,16950       | 1-1806-022-00/999 |
| 26                  | 31,60               | 0,50                | 26                  | 0,60                          | 0,45              | 0,22350       | 1-1806-026-00/999 |
| 30                  | 35,60               | 0,50                | 30                  | 0,60                          | 0,45              | 0,25700       | 1-1806-030-00/999 |
| 32                  | 37,60               | 0,50                | 32                  | 0,60                          | 0,45              | 0,26800       | 1-1806-032-00/999 |
| 35                  | 40,60               | 0,50                | 35                  | 0,60                          | 0,45              | 0,28100       | 1-1806-035-00/999 |
| 38                  | 43,60               | 0,50                | 38                  | 0,60                          | 0,45              | 0,31100       | 1-1806-038-00/999 |
| 40                  | 45,60               | 0,50                | 40                  | 0,60                          | 0,45              | 0,23800       | 1-1806-040-00/999 |
| 42                  | 47,60               | 0,50                | 42                  | 0,60                          | 0,45              | 0,24200       | 1-1806-042-00/999 |
| 45                  | 50,60               | 0,50                | 45                  | 0,60                          | 0,45              | 0,25800       | 1-1806-045-00/999 |
| 50                  | 56,00               | 0,50                | 50                  | 0,60                          | 0,35              | 0,31900       | 1-1806-050-00/999 |
| 51                  | 57,00               | 0,50                | 51                  | 0,60                          | 0,35              | 0,32600       | 1-1806-051-00/999 |
| 55                  | 61,00               | 0,50                | 55                  | 0,60                          | 0,35              | 0,35200       | 1-1806-055-00/999 |
| 60                  | 66,00               | 0,50                | 60                  | 0,60                          | 0,35              | 0,42900       | 1-1806-060-00/999 |
| 65                  | 71,40               | 0,50                | 65                  | 0,60                          | 0,35              | 0,47400       | 1-1806-065-00/999 |
| 70                  | 76,40               | 0,50                | 70                  | 0,60                          | 0,35              | 0,47400       | 1-1806-070-00/999 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 75                  | 81,40               | 0,50                | 75                  | 0,60                          | 0,35              | 0,55000       | 1-1806-075-00/999 |
| 76                  | 82,40               | 0,50                | 76                  | 0,60                          | 0,35              | 0,56400       | 1-1806-076-00/999 |
| 80                  | 87,00               | 0,50                | 80                  | 0,60                          | 0,35              | 0,62400       | 1-1806-080-00/999 |
| 90                  | 97,00               | 0,50                | 90                  | 0,60                          | 0,35              | 0,67500       | 1-1806-090-00/999 |
| 100                 | 107,00              | 0,50                | 100                 | 0,60                          | 0,35              | 0,84400       | 1-1806-100-00/999 |
| 102                 | 109,00              | 0,50                | 102                 | 0,40                          | 0,30              | 0,84400       | 1-1806-102-00/999 |
| 110                 | 117,00              | 0,50                | 130                 | 0,40                          | 0,30              | 1,10000       | 1-1806-110-00/999 |
| 120                 | 127,00              | 0,60                | 150                 | 0,40                          | 0,30              | 0,93900       | 1-1806-120-00/999 |
| 127                 | 134,00              | 0,60                | 180                 | 0,40                          | 0,30              | 1,33500       | 1-1806-127-00/999 |
| 130                 | 138,00              | 0,60                | 180                 | 0,30                          | 0,20              | 1,16000       | 1-1806-130-00/999 |
| 140                 | 148,00              | 0,60                | 185                 | 0,30                          | 0,20              | 1,43800       | 1-1806-140-00/999 |
| 150                 | 158,00              | 0,60                | 190                 | 0,30                          | 0,20              | 1,28400       | 1-1806-150-00/999 |
| 152                 | 160,00              | 0,60                | 191                 | 0,30                          | 0,20              | 1,32300       | 1-1806-152-00/999 |
| 160                 | 168,00              | 0,60                | 195                 | 0,30                          | 0,20              | 1,40800       | 1-1806-160-00/999 |
| 175                 | 183,00              | 0,60                | 205                 | 0,30                          | 0,20              | 1,49400       | 1-1806-175-00/999 |
| 180                 | 188,00              | 0,60                | 220                 | 0,30                          | 0,20              | 1,53600       | 1-1806-180-00/999 |
| 200                 | 208,00              | 0,60                | 250                 | 0,15                          | 0,15              | 1,70400       | 1-1806-200-00/999 |
| 203                 | 211,00              | 0,60                | 253                 | 0,15                          | 0,15              | 1,67800       | 1-1806-203-00/999 |
| 250                 | 258,00              | 0,60                | 330                 | 0,15                          | 0,15              | 2,01000       | 1-1806-250-00/999 |
| 300                 | 308,00              | 0,60                | 420                 | 0,10                          | 0,08              | 2,22800       | 1-1806-300-00/999 |