

# VACUFLEX® K1H TPR

Light weight and highly flexible TPR hose

|                     |                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | automotive engineering, engine construction, filter systems, compressors, air supply                                                                                              |
| <b>Structure</b>    | TPR, black, opaque, steel wire / spring steel wire / coated / PP                                                                                                                  |
| <b>Temperature</b>  | -40°C up to 135°C, short term up to 150°C                                                                                                                                         |
| <b>Properties</b>   | light weight, very good flexibility, good temperature resistance, good chemical resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, 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    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 10                  | 15,60               | 0,65                | 10                  | 1,00                          | 0,60              | 0,08900       | 1-1906-010-00/999 |
| 12                  | 17,60               | 0,65                | 12                  | 1,00                          | 0,60              | 0,10300       | 1-1906-012-00/999 |
| 14                  | 19,60               | 0,65                | 14                  | 1,00                          | 0,60              | 0,11800       | 1-1906-014-00/999 |
| 16                  | 21,60               | 0,65                | 16                  | 1,00                          | 0,60              | 0,13300       | 1-1906-016-00/999 |
| 18                  | 23,60               | 0,65                | 18                  | 1,00                          | 0,60              | 0,14800       | 1-1906-018-00/999 |
| 19                  | 24,60               | 0,65                | 19                  | 1,00                          | 0,60              | 0,10200       | 1-1906-019-00/999 |
| 20                  | 25,60               | 0,65                | 20                  | 1,00                          | 0,60              | 0,10700       | 1-1906-020-00/999 |
| 25                  | 30,60               | 0,65                | 25                  | 0,90                          | 0,55              | 0,13500       | 1-1906-025-00/999 |
| 26                  | 31,60               | 0,65                | 26                  | 0,90                          | 0,55              | 0,16300       | 1-1906-026-00/999 |
| 30                  | 35,60               | 0,65                | 30                  | 0,90                          | 0,55              | 0,18600       | 1-1906-030-00/999 |
| 32                  | 37,60               | 0,65                | 32                  | 0,90                          | 0,55              | 0,16900       | 1-1906-032-00/999 |
| 35                  | 40,60               | 0,65                | 35                  | 0,90                          | 0,55              | 0,19000       | 1-1906-035-00/999 |
| 38                  | 43,60               | 0,65                | 38                  | 0,90                          | 0,55              | 0,20600       | 1-1906-038-00/999 |
| 40                  | 45,60               | 0,65                | 40                  | 0,90                          | 0,55              | 0,21700       | 1-1906-040-00/999 |
| 45                  | 50,60               | 0,65                | 45                  | 0,90                          | 0,55              | 0,24500       | 1-1906-045-00/999 |
| 48                  | 54,00               | 0,65                | 48                  | 0,90                          | 0,55              | 0,28400       | 1-1906-048-00/999 |
| 50                  | 56,00               | 0,65                | 50                  | 0,70                          | 0,55              | 0,26700       | 1-1906-050-00/999 |
| 51                  | 57,00               | 0,65                | 51                  | 0,70                          | 0,50              | 0,26700       | 1-1906-051-00/999 |
| 52                  | 58,00               | 0,65                | 52                  | 0,70                          | 0,50              | 0,27300       | 1-1906-052-00/999 |
| 55                  | 61,00               | 0,65                | 55                  | 0,70                          | 0,50              | 0,32400       | 1-1906-055-00/999 |
| 60                  | 66,00               | 0,65                | 60                  | 0,70                          | 0,50              | 0,33900       | 1-1906-060-00/999 |
| 63                  | 69,00               | 0,65                | 63                  | 0,70                          | 0,50              | 0,43700       | 1-1906-063-00/999 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 70                  | 76,40               | 0,65                | 70                  | 0,70                          | 0,50              | 0,42400       | 1-1906-070-00/999 |
| 75                  | 81,40               | 0,65                | 75                  | 0,70                          | 0,50              | 0,45500       | 1-1906-075-00/999 |
| 80                  | 87,00               | 0,65                | 80                  | 0,70                          | 0,50              | 0,61900       | 1-1906-080-00/999 |
| 90                  | 97,00               | 0,65                | 90                  | 0,70                          | 0,50              | 0,71200       | 1-1906-090-00/999 |
| 100                 | 107,00              | 0,65                | 100                 | 0,50                          | 0,45              | 0,79300       | 1-1906-100-00/999 |
| 102                 | 109,00              | 0,65                | 102                 | 0,50                          | 0,45              | 0,80900       | 1-1906-102-00/999 |
| 110                 | 117,00              | 0,65                | 130                 | 0,50                          | 0,45              | 0,87200       | 1-1906-110-00/999 |
| 120                 | 127,00              | 0,65                | 150                 | 0,50                          | 0,45              | 0,95200       | 1-1906-120-00/999 |
| 125                 | 132,00              | 0,65                | 175                 | 0,50                          | 0,45              | 0,99200       | 1-1906-125-00/999 |
| 127                 | 134,00              | 0,65                | 180                 | 0,50                          | 0,45              | 1,32600       | 1-1906-127-00/999 |
| 130                 | 138,00              | 0,65                | 180                 | 0,40                          | 0,20              | 1,03200       | 1-1906-130-00/999 |
| 140                 | 148,00              | 0,65                | 185                 | 0,40                          | 0,20              | 1,11200       | 1-1906-140-00/999 |
| 150                 | 158,00              | 0,65                | 190                 | 0,40                          | 0,20              | 1,34000       | 1-1906-150-00/999 |
| 160                 | 168,00              | 0,65                | 195                 | 0,40                          | 0,20              | 1,26900       | 1-1906-160-00/999 |
| 170                 | 178,00              | 0,65                | 200                 | 0,40                          | 0,20              | 1,34900       | 1-1906-170-00/999 |
| 175                 | 183,00              | 0,65                | 205                 | 0,40                          | 0,20              | 1,56000       | 1-1906-175-00/999 |
| 180                 | 188,00              | 0,65                | 220                 | 0,40                          | 0,20              | 1,60400       | 1-1906-180-00/999 |
| 200                 | 208,00              | 0,65                | 250                 | 0,20                          | 0,15              | 1,58800       | 1-1906-200-00/999 |
| 203                 | 211,00              | 0,65                | 253                 | 0,20                          | 0,15              | 1,85800       | 1-1906-203-00/999 |
| 250                 | 258,00              | 0,65                | 330                 | 0,20                          | 0,15              | 1,94100       | 1-1906-250-00/999 |
| 254                 | 262,00              | 0,65                | 334                 | 0,20                          | 0,15              | 2,02600       | 1-1906-254-00/999 |
| 255                 | 263,00              | 0,65                | 335                 | 0,20                          | 0,15              | 2,03400       | 1-1906-255-00/999 |
| 300                 | 308,00              | 0,65                | 420                 | 0,10                          | 0,10              | 2,39300       | 1-1906-300-00/999 |
| 400                 | 408,00              | 0,65                | 520                 | 0,10                          | 0,10              | 4,11400       | 1-1906-400-00/999 |