

# VACUFLEX® K1Z-M PU MHR ECO

Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane

|                     |                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, extractions arms, air supply, air extraction, vehicle construction                                                                                                              |
| <b>Structure</b>    | TPU / 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>   | Flexibler und innen glatter PU-Schlauch mit gute Abriebfestigkeit, gute Zugfestigkeit, hohe Bruchdehnung, hydrolyse- & mikrobebeständig, gute Ozon- & UV-Beständigkeit, wetterfest, verrottungsfest |



| 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                  | 37,00               | 0,60                | 37                  | 1,50                          | 0,38              | 0,20500       | 6-1000-032-10/998 |
| 35                  | 40,00               | 0,60                | 40                  | 1,50                          | 0,38              | 0,22400       | 6-1000-035-10/998 |
| 38                  | 43,00               | 0,60                | 43                  | 1,50                          | 0,38              | 0,24300       | 6-1000-038-10/998 |
| 40                  | 45,00               | 0,60                | 45                  | 1,50                          | 0,38              | 0,25400       | 6-1000-040-10/998 |
| 42                  | 47,00               | 0,60                | 47                  | 1,50                          | 0,38              | 0,26600       | 6-1000-042-10/998 |
| 45                  | 50,00               | 0,60                | 50                  | 1,50                          | 0,38              | 0,28500       | 6-1000-045-10/998 |
| 50                  | 55,00               | 0,60                | 55                  | 1,50                          | 0,38              | 0,31500       | 6-1000-050-10/998 |
| 51                  | 56,00               | 0,60                | 56                  | 1,30                          | 0,30              | 0,32200       | 6-1000-051-10/998 |
| 55                  | 60,00               | 0,60                | 60                  | 1,30                          | 0,30              | 0,34600       | 6-1000-055-10/998 |
| 60                  | 65,00               | 0,60                | 65                  | 1,30                          | 0,30              | 0,37600       | 6-1000-060-10/998 |
| 65                  | 70,00               | 0,60                | 70                  | 1,30                          | 0,30              | 0,40700       | 6-1000-065-10/998 |
| 70                  | 75,00               | 0,60                | 75                  | 1,30                          | 0,30              | 0,42200       | 6-1000-070-10/998 |
| 76                  | 81,00               | 0,60                | 81                  | 0,80                          | 0,25              | 0,48100       | 6-1000-076-10/998 |
| 80                  | 85,00               | 0,60                | 85                  | 0,80                          | 0,25              | 0,48100       | 6-1000-080-10/998 |
| 83                  | 88,00               | 0,60                | 88                  | 0,80                          | 0,25              | 0,53200       | 6-1000-083-10/998 |
| 90                  | 95,00               | 0,60                | 95                  | 0,80                          | 0,25              | 0,54900       | 6-1000-090-10/998 |
| 100                 | 106,00              | 0,60                | 106                 | 0,60                          | 0,20              | 0,73100       | 6-1000-100-10/998 |
| 102                 | 108,00              | 0,60                | 108                 | 0,60                          | 0,20              | 0,62400       | 6-1000-102-10/998 |
| 110                 | 116,00              | 0,60                | 116                 | 0,60                          | 0,20              | 0,80200       | 6-1000-110-10/998 |
| 120                 | 126,00              | 0,60                | 126                 | 0,60                          | 0,20              | 0,85300       | 6-1000-120-10/998 |
| 125                 | 131,00              | 0,60                | 131                 | 0,60                          | 0,20              | 0,91000       | 6-1000-125-10/998 |
| 127                 | 133,00              | 0,60                | 133                 | 0,60                          | 0,20              | 0,74900       | 6-1000-127-10/998 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 130                 | 136,00              | 0,60                | 136                 | 0,60                          | 0,20              | 0,94600       | 6-1000-130-10/998 |
| 140                 | 146,00              | 0,60                | 146                 | 0,60                          | 0,20              | 1,01800       | 6-1000-140-10/998 |
| 150                 | 156,00              | 0,60                | 156                 | 0,30                          | 0,15              | 1,09000       | 6-1000-150-10/998 |
| 152                 | 158,00              | 0,60                | 158                 | 0,30                          | 0,15              | 1,09800       | 6-1000-152-10/998 |
| 160                 | 166,00              | 0,60                | 166                 | 0,30                          | 0,15              | 1,16100       | 6-1000-160-10/998 |
| 175                 | 181,00              | 0,60                | 181                 | 0,30                          | 0,15              | 1,26900       | 6-1000-175-10/998 |
| 180                 | 186,00              | 0,60                | 186                 | 0,30                          | 0,15              | 1,30600       | 6-1000-180-10/998 |
| 200                 | 206,00              | 0,60                | 206                 | 0,30                          | 0,15              | 1,42000       | 6-1000-200-10/998 |
| 203                 | 209,00              | 0,60                | 209                 | 0,30                          | 0,15              | 1,46400       | 6-1000-203-10/998 |
| 225                 | 231,00              | 0,60                | 231                 | 0,30                          | 0,15              | 2,04500       | 6-1000-225-10/998 |
| 250                 | 256,00              | 0,60                | 256                 | 0,20                          | 0,08              | 2,27000       | 6-1000-250-10/998 |
| 280                 | 286,00              | 0,60                | 286                 | 0,20                          | 0,08              | 2,54100       | 6-1000-280-10/998 |
| 300                 | 306,00              | 0,60                | 306                 | 0,20                          | 0,08              | 2,72100       | 6-1000-300-10/998 |
| 350                 | 356,00              | 0,60                | 356                 | 0,20                          | 0,08              | 2,81600       | 6-1000-350-10/998 |