

### VACUFLEX® K1Z-LE PU IND

Lightweight and highly flexible spiral hose made of polyester-polyurethane

|                     |                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, dust extraction, wood dust extraction, air extraction, paint mist extraction                                       |
| <b>Structure</b>    | Polyester-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>   | light weight, very good flexibility, good abrasion resistance, good tensile strength, ultimate elongation, good ozone- & UV-resistance |



| 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               | 0,40                | 36                  | 0,60                          | 0,35              | 0,16200       | 4-8600-032-00/999 |
| 35                  | 39,00               | 0,40                | 39                  | 0,60                          | 0,35              | 0,15000       | 4-8600-035-00/999 |
| 38                  | 42,00               | 0,40                | 42                  | 0,60                          | 0,35              | 0,16300       | 4-8600-038-00/999 |
| 40                  | 44,00               | 0,40                | 44                  | 0,60                          | 0,35              | 0,19740       | 4-8600-040-00/999 |
| 42                  | 46,00               | 0,40                | 46                  | 0,60                          | 0,35              | 0,17900       | 4-8600-042-00/999 |
| 45                  | 49,00               | 0,40                | 49                  | 0,60                          | 0,35              | 0,19100       | 4-8600-045-00/999 |
| 50                  | 54,00               | 0,40                | 54                  | 0,60                          | 0,35              | 0,21200       | 4-8600-050-00/999 |
| 51                  | 55,00               | 0,40                | 55                  | 0,40                          | 0,25              | 0,25144       | 4-8600-051-00/999 |
| 55                  | 59,00               | 0,40                | 59                  | 0,40                          | 0,25              | 0,23300       | 4-8600-055-00/999 |
| 60                  | 64,00               | 0,40                | 64                  | 0,40                          | 0,25              | 0,29200       | 4-8600-060-00/999 |
| 65                  | 69,00               | 0,40                | 69                  | 0,40                          | 0,25              | 0,27400       | 4-8600-065-00/999 |
| 70                  | 74,00               | 0,40                | 74                  | 0,40                          | 0,25              | 0,32400       | 4-8600-070-00/999 |
| 76                  | 80,00               | 0,40                | 80                  | 0,30                          | 0,20              | 0,35300       | 4-8600-076-00/999 |
| 80                  | 84,00               | 0,40                | 84                  | 0,30                          | 0,20              | 0,37000       | 4-8600-080-00/999 |
| 83                  | 87,00               | 0,40                | 87                  | 0,30                          | 0,20              | 0,38400       | 4-8600-083-00/999 |
| 90                  | 94,00               | 0,40                | 94                  | 0,30                          | 0,20              | 0,41600       | 4-8600-090-00/999 |
| 100                 | 104,00              | 0,40                | 104                 | 0,20                          | 0,10              | 0,46100       | 4-8600-100-00/999 |
| 102                 | 106,00              | 0,40                | 106                 | 0,20                          | 0,10              | 0,47100       | 4-8600-102-00/999 |
| 110                 | 114,00              | 0,40                | 114                 | 0,20                          | 0,10              | 0,50600       | 4-8600-110-00/999 |
| 120                 | 124,00              | 0,40                | 124                 | 0,20                          | 0,10              | 0,55300       | 4-8600-120-00/999 |
| 125                 | 130,00              | 0,40                | 130                 | 0,20                          | 0,10              | 0,73900       | 4-8600-125-00/999 |
| 127                 | 132,00              | 0,40                | 132                 | 0,20                          | 0,10              | 0,75100       | 4-8600-127-00/999 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 130                 | 135,00              | 0,40                | 135                 | 0,20                          | 0,10              | 0,76800       | 4-8600-130-00/999 |
| 140                 | 145,00              | 0,40                | 145                 | 0,20                          | 0,10              | 0,82600       | 4-8600-140-00/999 |
| 150                 | 155,00              | 0,40                | 155                 | 0,10                          | 0,06              | 0,88400       | 4-8600-150-00/999 |
| 152                 | 157,00              | 0,40                | 157                 | 0,10                          | 0,06              | 0,89600       | 4-8600-152-00/999 |
| 160                 | 165,00              | 0,40                | 165                 | 0,10                          | 0,06              | 0,94300       | 4-8600-160-00/999 |
| 175                 | 180,00              | 0,40                | 180                 | 0,10                          | 0,06              | 2,05800       | 4-8600-175-00/999 |
| 180                 | 185,00              | 0,40                | 185                 | 0,10                          | 0,06              | 1,05900       | 4-8600-180-00/999 |
| 200                 | 206,00              | 0,40                | 206                 | 0,10                          | 0,06              | 1,17000       | 4-8600-200-00/999 |
| 203                 | 209,00              | 0,40                | 209                 | 0,10                          | 0,06              | 1,19300       | 4-8600-203-00/999 |
| 225                 | 231,00              | 0,40                | 231                 | 0,10                          | 0,06              | 1,32100       | 4-8600-225-00/999 |
| 250                 | 256,00              | 0,40                | 256                 | 0,05                          | 0,02              | 1,92900       | 4-8600-250-00/999 |
| 280                 | 286,00              | 0,40                | 286                 | 0,05                          | 0,02              | 2,15900       | 4-8600-280-00/999 |
| 300                 | 306,00              | 0,40                | 306                 | 0,05                          | 0,02              | 2,31200       | 4-8600-300-00/999 |
| 350                 | 356,00              | 0,40                | 356                 | 0,05                          | 0,02              | 2,69400       | 4-8600-350-00/999 |