

# VACUFLEX® K1Z-SSE PU IND

Flexible spiral hose with a smooth inner surface, 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>   | heavy-duty, good flexibility, corrugated outside, 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                  | 40,00               | 1,20                | 40                  | 3,00                          | 0,70              | 0,39400       | 4-9200-032-00/999 |
| 35                  | 43,00               | 1,20                | 43                  | 3,00                          | 0,70              | 0,43000       | 4-9200-035-00/999 |
| 38                  | 46,00               | 1,20                | 46                  | 3,00                          | 0,70              | 0,46500       | 4-9200-038-00/999 |
| 40                  | 48,00               | 1,20                | 48                  | 3,00                          | 0,70              | 0,48600       | 4-9200-040-00/999 |
| 42                  | 50,00               | 1,20                | 50                  | 3,00                          | 0,70              | 0,51100       | 4-9200-042-00/999 |
| 45                  | 53,00               | 1,20                | 53                  | 3,00                          | 0,70              | 0,54400       | 4-9200-045-00/999 |
| 50                  | 58,00               | 1,20                | 58                  | 3,00                          | 0,70              | 0,60300       | 4-9200-050-00/999 |
| 51                  | 59,00               | 1,20                | 59                  | 2,50                          | 0,60              | 0,61300       | 4-9200-051-00/999 |
| 55                  | 63,00               | 1,20                | 63                  | 2,50                          | 0,60              | 0,65900       | 4-9200-055-00/999 |
| 60                  | 68,00               | 1,20                | 68                  | 2,50                          | 0,60              | 0,71700       | 4-9200-060-00/999 |
| 65                  | 73,00               | 1,20                | 73                  | 2,50                          | 0,60              | 0,77500       | 4-9200-065-00/999 |
| 70                  | 78,00               | 1,20                | 78                  | 2,50                          | 0,60              | 0,80700       | 4-9200-070-00/999 |
| 76                  | 84,00               | 1,20                | 84                  | 2,00                          | 0,50              | 0,87500       | 4-9200-076-00/999 |
| 80                  | 88,00               | 1,20                | 88                  | 2,00                          | 0,50              | 0,91900       | 4-9200-080-00/999 |
| 83                  | 91,00               | 1,20                | 91                  | 2,00                          | 0,50              | 0,95300       | 4-9200-083-00/999 |
| 90                  | 98,00               | 1,20                | 98                  | 2,00                          | 0,50              | 1,03100       | 4-9200-090-00/999 |
| 100                 | 109,00              | 1,20                | 109                 | 1,50                          | 0,42              | 1,33400       | 4-9200-100-00/999 |
| 102                 | 111,00              | 1,20                | 111                 | 1,50                          | 0,42              | 1,36100       | 4-9200-102-00/999 |
| 110                 | 119,00              | 1,20                | 119                 | 1,50                          | 0,42              | 1,46500       | 4-9200-110-00/999 |
| 120                 | 129,00              | 1,20                | 129                 | 1,50                          | 0,42              | 1,59500       | 4-9200-120-00/999 |
| 125                 | 134,00              | 1,20                | 134                 | 1,50                          | 0,42              | 1,66100       | 4-9200-125-00/999 |
| 127                 | 136,00              | 1,20                | 136                 | 1,50                          | 0,42              | 1,68700       | 4-9200-127-00/999 |

| 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                 | 139,00              | 1,20                | 139                 | 1,50                          | 0,42              | 1,72600       | 4-9200-130-00/999 |
| 140                 | 149,00              | 1,20                | 149                 | 1,50                          | 0,42              | 1,85700       | 4-9200-140-00/999 |
| 150                 | 159,00              | 1,20                | 159                 | 1,00                          | 0,33              | 1,98800       | 4-9200-150-00/999 |
| 152                 | 161,00              | 1,20                | 161                 | 1,00                          | 0,33              | 2,01400       | 4-9200-152-00/999 |
| 160                 | 169,00              | 1,20                | 169                 | 1,00                          | 0,33              | 2,11900       | 4-9200-160-00/999 |
| 175                 | 184,00              | 1,20                | 184                 | 1,00                          | 0,33              | 2,31400       | 4-9200-175-00/999 |
| 180                 | 189,00              | 1,20                | 189                 | 1,00                          | 0,33              | 2,37900       | 4-9200-180-00/999 |
| 200                 | 209,00              | 1,20                | 209                 | 1,00                          | 0,33              | 2,64000       | 4-9200-200-00/999 |
| 203                 | 212,00              | 1,20                | 212                 | 1,00                          | 0,33              | 2,68000       | 4-9200-203-00/999 |
| 225                 | 234,00              | 1,20                | 234                 | 1,00                          | 0,33              | 2,96800       | 4-9200-225-00/999 |
| 250                 | 259,00              | 1,20                | 259                 | 0,70                          | 0,25              | 3,29400       | 4-9200-250-00/999 |
| 280                 | 289,00              | 1,20                | 289                 | 0,70                          | 0,25              | 3,69200       | 4-9200-280-00/999 |
| 300                 | 309,00              | 1,20                | 309                 | 0,70                          | 0,25              | 3,94800       | 4-9200-300-00/999 |
| 350                 | 359,00              | 1,20                | 359                 | 0,70                          | 0,25              | 4,60100       | 4-9200-350-00/999 |