

# VACUFLEX® PU 900 IND ECO

Medium weight and flexible Polyurethane hose

|                     |                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, extractions arms, air extraction, dust extraction, textile fiber 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>   | medium weight, good flexibility, very 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    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 25                  | 31,00               | 0,90                | 31                  | 1,10                          | 0,35              | 0,22700       | 7-2500-025-00/998 |
| 32                  | 38,00               | 0,90                | 38                  | 1,10                          | 0,35              | 0,28900       | 7-2500-032-00/998 |
| 35                  | 41,00               | 0,90                | 41                  | 1,10                          | 0,35              | 0,26700       | 7-2500-035-00/998 |
| 38                  | 44,00               | 0,90                | 44                  | 1,10                          | 0,35              | 0,34400       | 7-2500-038-00/998 |
| 40                  | 47,00               | 0,90                | 47                  | 1,10                          | 0,35              | 0,36000       | 7-2500-040-00/998 |
| 42                  | 49,00               | 0,90                | 49                  | 1,10                          | 0,35              | 0,37700       | 7-2500-042-00/998 |
| 45                  | 52,00               | 0,90                | 52                  | 1,10                          | 0,35              | 0,40600       | 7-2500-045-00/998 |
| 48                  | 55,00               | 0,90                | 55                  | 1,10                          | 0,35              | 0,42800       | 7-2500-048-00/998 |
| 50                  | 57,00               | 0,90                | 57                  | 1,10                          | 0,35              | 0,44500       | 7-2500-050-00/998 |
| 51                  | 58,00               | 0,90                | 58                  | 0,90                          | 0,25              | 0,45400       | 7-2500-051-00/998 |
| 55                  | 62,00               | 0,90                | 62                  | 0,90                          | 0,25              | 0,48800       | 7-2500-055-00/998 |
| 60                  | 67,00               | 0,90                | 67                  | 0,90                          | 0,25              | 0,53100       | 7-2500-060-00/998 |
| 63                  | 70,00               | 0,90                | 70                  | 0,90                          | 0,25              | 0,55600       | 7-2500-063-00/998 |
| 65                  | 72,00               | 0,90                | 72                  | 0,70                          | 0,20              | 0,57300       | 7-2500-065-00/998 |
| 70                  | 77,00               | 0,90                | 77                  | 0,70                          | 0,20              | 0,67600       | 7-2500-070-00/998 |
| 75                  | 82,00               | 0,90                | 82                  | 0,70                          | 0,20              | 0,72400       | 7-2500-075-00/998 |
| 76                  | 83,00               | 0,90                | 83                  | 0,70                          | 0,20              | 0,73300       | 7-2500-076-00/998 |
| 80                  | 87,00               | 0,90                | 87                  | 0,60                          | 0,15              | 0,77100       | 7-2500-080-00/998 |
| 83                  | 90,00               | 0,90                | 90                  | 0,60                          | 0,15              | 0,79900       | 7-2500-083-00/998 |
| 90                  | 97,00               | 0,90                | 97                  | 0,60                          | 0,15              | 0,83600       | 7-2500-090-00/998 |
| 100                 | 108,00              | 0,90                | 108                 | 0,60                          | 0,15              | 0,86900       | 7-2500-100-00/998 |
| 102                 | 110,00              | 0,90                | 110                 | 0,50                          | 0,10              | 0,88600       | 7-2500-102-00/998 |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Article Number    |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|---------------|-------------------|
| 110                 | 118,00              | 0,90                | 118                 | 0,50                          | 0,10              | 0,95900       | 7-2500-110-00/998 |
| 115                 | 123,00              | 0,90                | 123                 | 0,50                          | 0,10              | 1,00200       | 7-2500-115-00/998 |
| 120                 | 128,00              | 0,90                | 128                 | 0,50                          | 0,10              | 1,04500       | 7-2500-120-00/998 |
| 125                 | 133,00              | 0,90                | 133                 | 0,50                          | 0,10              | 1,08700       | 7-2500-125-00/998 |
| 127                 | 135,00              | 0,90                | 135                 | 0,50                          | 0,10              | 1,08000       | 7-2500-127-00/998 |
| 130                 | 138,00              | 0,90                | 138                 | 0,50                          | 0,10              | 1,10500       | 7-2500-130-00/998 |
| 140                 | 148,00              | 0,90                | 148                 | 0,50                          | 0,10              | 1,21500       | 7-2500-140-00/998 |
| 150                 | 158,00              | 0,90                | 158                 | 0,50                          | 0,10              | 1,30100       | 7-2500-150-00/998 |
| 152                 | 160,00              | 0,90                | 160                 | 0,50                          | 0,10              | 1,32500       | 7-2500-152-00/998 |
| 160                 | 168,00              | 0,90                | 168                 | 0,30                          | 0,05              | 1,38600       | 7-2500-160-00/998 |
| 175                 | 183,00              | 0,90                | 183                 | 0,30                          | 0,05              | 1,51400       | 7-2500-175-00/998 |
| 180                 | 188,00              | 0,90                | 188                 | 0,30                          | 0,05              | 1,55900       | 7-2500-180-00/998 |
| 200                 | 209,00              | 0,90                | 209                 | 0,30                          | 0,05              | 1,56300       | 7-2500-200-00/998 |
| 203                 | 212,00              | 0,90                | 212                 | 0,30                          | 0,05              | 1,58700       | 7-2500-203-00/998 |
| 225                 | 234,00              | 0,90                | 234                 | 0,30                          | 0,05              | 1,75900       | 7-2500-225-00/998 |
| 250                 | 259,00              | 0,90                | 259                 | 0,20                          | 0,02              | 2,09400       | 7-2500-250-00/998 |
| 254                 | 263,00              | 0,90                | 263                 | 0,20                          | 0,02              | 2,12700       | 7-2500-254-00/998 |
| 280                 | 289,00              | 0,90                | 289                 | 0,20                          | 0,02              | 2,23100       | 7-2500-280-00/998 |
| 300                 | 309,00              | 0,90                | 309                 | 0,20                          | 0,02              | 2,38800       | 7-2500-300-00/998 |
| 305                 | 314,00              | 0,90                | 314                 | 0,20                          | 0,02              | 2,55400       | 7-2500-305-00/998 |
| 350                 | 359,00              | 0,90                | 359                 | 0,20                          | 0,02              | 2,93100       | 7-2500-350-00/998 |
| 400                 | 409,00              | 0,90                | 409                 | 0,20                          | 0,02              | 3,34700       | 7-2500-400-00/998 |