

FLEXADUX® SIL I

Light weight, one-ply spiral hose made of silicone

- Applications** extraction systems, vehicle construction, steam extraction, granule drying, automation technology & robotics
- Structure** coated fabrics / silicone coated glass fabric, brown / red brown (similar RAL 8012), opaque, steel wire / spring steel wire / not coated / copper plated
- Temperature** -70°C up to 250°C, short term up to 300°C
- Properties** light weight, excellent flexibility, very good temperature resistance, particularly small bending radius ($r < d$), good chemical resistance



| Inner Diameter (mm) | Outer Diameter (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 25 | 27,00 | 12 | 1,60 | 0,51 | 0,48 | 4 | 50400025-0400-000-PL |
| 32 | 34,00 | 16 | 1,40 | 0,50 | 0,52 | 4 | 50400032-0400-000-PL |
| 38 | 40,60 | 19 | 1,30 | 0,50 | 0,66 | 4 | 50400038-0400-000-PL |
| 41 | 43,60 | 21 | 1,30 | 0,45 | 0,71 | 4 | 50400041-0400-000-PL |
| 51 | 53,60 | 25 | 1,20 | 0,43 | 1,00 | 4 | 50400051-0400-000-PL |
| 60 | 62,60 | 30 | 1,10 | 0,40 | 1,20 | 4 | 50400060-0400-000-PL |
| 63 | 65,60 | 31 | 1,10 | 0,40 | 1,28 | 4 | 50400063-0400-000-PL |
| 65 | 67,60 | 33 | 1,10 | 0,40 | 1,36 | 4 | 50400065-0400-000-PL |
| 70 | 73,14 | 35 | 1,10 | 0,36 | 1,58 | 4 | 50400070-0400-000-PL |
| 76 | 79,14 | 38 | 1,10 | 0,34 | 1,64 | 4 | 50400076-0400-000-PL |
| 80 | 83,14 | 40 | 1,00 | 0,30 | 1,76 | 4 | 50400080-0400-000-PL |
| 83 | 86,14 | 41 | 1,00 | 0,31 | 1,88 | 4 | 50400083-0400-000-PL |
| 90 | 93,14 | 45 | 0,90 | 0,30 | 1,96 | 4 | 50400090-0400-000-PL |
| 102 | 105,14 | 51 | 0,90 | 0,26 | 2,28 | 4 | 50400102-0400-000-PL |
| 114 | 117,14 | 57 | 0,80 | 0,20 | 2,92 | 4 | 50400114-0400-000-PL |
| 127 | 130,14 | 63 | 0,80 | 0,17 | 3,22 | 4 | 50400127-0400-000-PL |
| 152 | 155,60 | 76 | 0,70 | 0,14 | 4,20 | 4 | 50400152-0400-000-PL |
| 203 | 207,10 | 101 | 0,50 | 0,07 | 5,52 | 4 | 50400203-0400-000-PL |