

## FLEXADUX® NEO I

Light weight, single-ply spiral hose made of neoprene®

- Applications** extraction systems, vehicle construction, steam extraction, granule drying, automation technology & robotics
- Structure** coated fabrics / Neoprene® coated glass fabric, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated
- Temperature** -50°C up to 135°C, short term up to 150°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       |
|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 32                  | 34,00               | 16                  | 1,40                          | 0,50              | 0,52                        | 4          | 50420032-0400-000-PL |
| 41                  | 44,00               | 21                  | 1,30                          | 0,45              | 0,71                        | 4          | 50420041-0400-000-PL |
| 44                  | 47,00               | 22                  | 1,20                          | 0,45              | 0,80                        | 4          | 50420044-0400-000-PL |
| 51                  | 54,00               | 25                  | 1,20                          | 0,44              | 1,00                        | 4          | 50420051-0400-000-PL |
| 60                  | 63,00               | 30                  | 1,10                          | 0,40              | 1,20                        | 4          | 50420060-0400-000-PL |
| 63                  | 66,00               | 31                  | 1,10                          | 0,40              | 1,28                        | 4          | 50420063-0400-000-PL |
| 76                  | 80,00               | 38                  | 1,00                          | 0,35              | 1,64                        | 4          | 50420076-0400-000-PL |
| 80                  | 83,00               | 40                  | 1,00                          | 0,30              | 1,76                        | 4          | 50420080-0400-000-PL |
| 83                  | 87,00               | 41                  | 1,00                          | 0,30              | 1,88                        | 4          | 50420083-0400-000-PL |
| 95                  | 99,00               | 48                  | 0,90                          | 0,26              | 2,16                        | 4          | 50420095-0400-000-PL |
| 102                 | 106,00              | 51                  | 0,90                          | 0,26              | 2,28                        | 4          | 50420102-0400-000-PL |
| 110                 | 114,00              | 56                  | 0,80                          | 0,21              | 2,80                        | 4          | 50420110-0400-000-PL |
| 127                 | 131,00              | 63                  | 0,80                          | 0,17              | 3,22                        | 4          | 50420127-0400-000-PL |
| 130                 | 134,00              | 65                  | 0,80                          | 0,16              | 3,28                        | 4          | 50420130-0400-000-PL |
| 152                 | 156,00              | 76                  | 0,80                          | 0,15              | 4,20                        | 4          | 50420152-0400-000-PL |
| 160                 | 164,00              | 80                  | 0,60                          | 0,12              | 4,36                        | 4          | 50420160-0400-000-PL |
| 203                 | 208,00              | 101                 | 0,50                          | 0,07              | 5,52                        | 4          | 50420203-0400-000-PL |