

## S 5 PUR SLX EL

Medium weight and flexible spiral hose made of Polyurethane, electrically conductive

|                     |                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | conveying technology, conveying of abrasive media, automotive engineering, vehicle construction, extraction systems                                                                |
| <b>Structure</b>    | Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated                                                  |
| <b>Temperature</b>  | -40°C up to 90°C                                                                                                                                                                   |
| <b>Properties</b>   | good flexibility, electrically conductive ( $R \leq 10^3 \text{ Ohm}$ ), very good abrasion resistance, good tensile strength, ultimate elongation, hydrolysis & microbe resistant |
| <b>Norms</b>        | TRBS 2153/TRGS 727, ATEX 2014/34/EU / aspiration (no zone or inside: zone 22), ATEX 2014/34/EU / pneumatic transport of combustible dusts (inside: zone 20, 21, 22)                |



| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------|
| 40                  | 45,00               | 0,70                | 40                  | 1,15                          | 0,30              | 3,42                        | 10         | ND56804000K    |
| 40                  | 45,00               | 0,70                | 40                  | 1,15                          | 0,30              | 5,13                        | 15         | ND56804000M    |
| 51                  | 57,00               | 0,70                | 51                  | 1,00                          | 0,25              | 3,93                        | 10         | ND56805100K    |
| 51                  | 57,00               | 0,70                | 51                  | 1,00                          | 0,25              | 5,89                        | 15         | ND56805100M    |
| 60                  | 66,00               | 0,70                | 60                  | 1,00                          | 0,25              | 4,60                        | 10         | ND56806000K    |
| 60                  | 66,00               | 0,70                | 60                  | 1,00                          | 0,25              | 6,89                        | 15         | ND56806000M    |
| 65                  | 71,00               | 0,70                | 65                  | 1,00                          | 0,23              | 4,97                        | 10         | ND56806500K    |
| 65                  | 71,00               | 0,70                | 65                  | 1,00                          | 0,23              | 7,45                        | 15         | ND56806500M    |
| 76                  | 82,00               | 0,70                | 76                  | 0,80                          | 0,20              | 5,78                        | 10         | ND56807600K    |
| 76                  | 82,00               | 0,70                | 76                  | 0,80                          | 0,20              | 8,67                        | 15         | ND56807600M    |
| 80                  | 86,00               | 0,70                | 80                  | 0,80                          | 0,20              | 6,08                        | 10         | ND56808000K    |
| 80                  | 86,00               | 0,70                | 80                  | 0,80                          | 0,20              | 9,12                        | 15         | ND56808000M    |
| 102                 | 108,00              | 0,70                | 102                 | 0,60                          | 0,18              | 7,71                        | 10         | ND56810200K    |
| 102                 | 108,00              | 0,70                | 102                 | 0,60                          | 0,18              | 11,57                       | 15         | ND56810200M    |
| 127                 | 133,00              | 0,70                | 127                 | 0,50                          | 0,15              | 0,00                        | 10         | ND56812700K    |
| 127                 | 133,00              | 0,70                | 127                 | 0,50                          | 0,15              | 0,00                        | 15         | ND56812700M    |
| 140                 | 146,00              | 0,70                | 140                 | 0,40                          | 0,13              | 0,00                        | 15         | ND56814000M    |
| 140                 | 146,00              | 0,70                | 140                 | 0,40                          | 0,13              | 0,00                        | 10         | ND56814000K    |
| 152                 | 158,00              | 0,70                | 152                 | 0,40                          | 0,10              | 11,30                       | 10         | ND56815200K    |
| 152                 | 158,00              | 0,70                | 152                 | 0,40                          | 0,10              | 16,94                       | 15         | ND56815200M    |
| 160                 | 166,00              | 0,70                | 160                 | 0,35                          | 0,08              | 10,60                       | 10         | ND56816000K    |
| 160                 | 166,00              | 0,70                | 160                 | 0,35                          | 0,08              | 15,90                       | 15         | ND56816000M    |

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|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------|
| 180                 | 187,00              | 0,70                | 180                 | 0,30                          | 0,07              | 15,96                       | 10         | ND56818000K    |
| 180                 | 187,00              | 0,70                | 180                 | 0,30                          | 0,07              | 23,93                       | 15         | ND56818000M    |
| 203                 | 210,00              | 0,70                | 203                 | 0,25                          | 0,05              | 0,00                        | 10         | ND56820300K    |
| 250                 | 257,00              | 0,70                | 250                 | 0,20                          | 0,04              | 22,09                       | 10         | ND56825000K    |