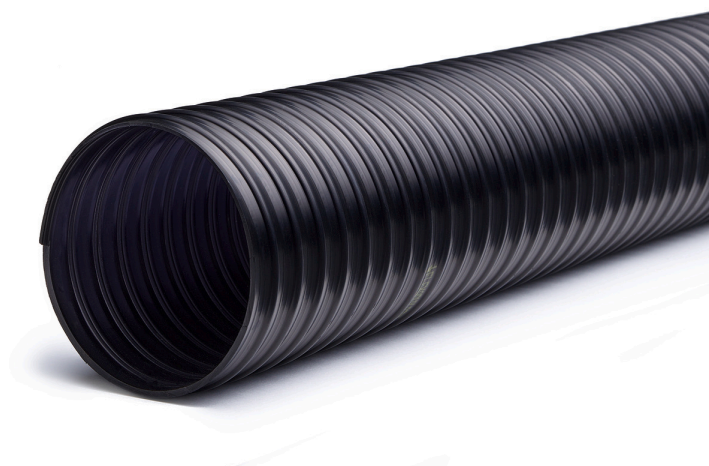


## S 5 PUR SX EL

Heavy duty and flexible Polyurethane ducting, electrically conductive

|                     |                                                                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | extraction systems, conveying of abrasive media, conveying technology, granulate conveying, powder conveying & -coating                                                                    |
| <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>   | very good abrasion resistance, very smooth inside, corrugated outside, good oil & petrol resistance, hydrolysis & microbe resistant, electrically conductive ( $R \leq 10^8 \text{ Ohm}$ ) |
| <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)                        |



hydrolysis resistant



microbe-resistant



electrically conductive



abrasion resistant



very smooth inside



dust



solids

**made in Germany**

| 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                  | 48,00               | 1,40                | 40                  | 2,88                          | 0,70              | 4,49                        | 10         | ND54504000K    |
| 40                  | 48,00               | 1,40                | 40                  | 2,88                          | 0,70              | 6,74                        | 15         | ND54504000M    |
| 51                  | 59,00               | 1,40                | 51                  | 2,38                          | 0,60              | 6,56                        | 10         | ND54505100K    |
| 51                  | 59,00               | 1,40                | 51                  | 2,38                          | 0,60              | 9,84                        | 15         | ND54505100M    |
| 60                  | 68,00               | 1,40                | 60                  | 2,25                          | 0,55              | 7,65                        | 10         | ND54506000K    |
| 60                  | 68,00               | 1,40                | 60                  | 2,25                          | 0,55              | 11,48                       | 15         | ND54506000M    |
| 65                  | 73,00               | 1,40                | 65                  | 2,15                          | 0,55              | 0,00                        | 10         | ND54506500K    |
| 65                  | 73,00               | 1,40                | 65                  | 2,15                          | 0,55              | 0,00                        | 15         | ND54506500M    |
| 76                  | 84,00               | 1,40                | 76                  | 1,75                          | 0,50              | 14,21                       | 15         | ND54507600M    |
| 76                  | 84,00               | 1,40                | 76                  | 1,75                          | 0,50              | 9,47                        | 10         | ND54507600K    |
| 80                  | 88,00               | 1,40                | 80                  | 1,50                          | 0,45              | 10,08                       | 10         | ND54508000K    |
| 80                  | 88,00               | 1,40                | 80                  | 1,50                          | 0,45              | 15,12                       | 15         | ND54508000M    |
| 102                 | 111,00              | 1,40                | 102                 | 1,21                          | 0,40              | 12,31                       | 10         | ND54510200K    |
| 102                 | 111,00              | 1,40                | 102                 | 1,21                          | 0,40              | 18,47                       | 15         | ND54510200M    |
| 125                 | 134,00              | 1,40                | 125                 | 0,88                          | 0,25              | 0,00                        | 10         | ND54512500K    |
| 125                 | 134,00              | 1,40                | 125                 | 0,88                          | 0,25              | 0,00                        | 15         | ND54512500M    |
| 140                 | 149,00              | 1,40                | 140                 | 0,77                          | 0,20              | 16,69                       | 10         | ND54514000K    |
| 140                 | 149,00              | 1,40                | 140                 | 0,77                          | 0,20              | 25,03                       | 15         | ND54514000M    |
| 152                 | 162,00              | 1,40                | 152                 | 0,77                          | 0,20              | 32,97                       | 15         | ND54515200M    |
| 152                 | 162,00              | 1,40                | 152                 | 0,77                          | 0,20              | 21,98                       | 10         | ND54515200K    |
| 160                 | 170,00              | 1,40                | 160                 | 0,66                          | 0,20              | 23,10                       | 10         | ND54516000K    |
| 160                 | 170,00              | 1,40                | 160                 | 0,66                          | 0,20              | 34,65                       | 15         | ND54516000M    |

| 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 |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------|
| 180                 | 190,00              | 1,40                | 180                 | 0,55                          | 0,15              | 0,00                        | 10         | ND54518000K    |
| 180                 | 190,00              | 1,40                | 180                 | 0,55                          | 0,15              | 0,00                        | 15         | ND54518000M    |
| 200                 | 211,00              | 1,40                | 200                 | 0,55                          | 0,15              | 29,95                       | 10         | ND54520000K    |
| 200                 | 211,00              | 1,40                | 200                 | 0,55                          | 0,15              | 44,92                       | 15         | ND54520000M    |
| 250                 | 261,00              | 1,40                | 250                 | 0,38                          | 0,10              | 37,23                       | 10         | ND54525000K    |