

## FLEXADUX® P 2 CNC

Flexible Polyurethane ducting specially for CNC machines, flame retardant

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | CNC processing, sawing & milling, wood dust extraction, extraction systems, automation technology & robotics                        |
| <b>Structure</b>    | TPU / Polyether-Polyurethane, transparent, steel wire / spring steel wire / coated / PVC                                            |
| <b>Temperature</b>  | -40°C up to 100°C, short term up to 125°C                                                                                           |
| <b>Properties</b>   | very good flexibility, very good abrasion resistance, good oil & petrol resistance, hydrolysis & microbe resistant, flame-retardant |
| <b>Norms</b>        | flame-retardant according to DIN 4102 / B1   discharge capability according to BGI 739-2 with spiral earthing                       |



hydrolysis  
resistant



microbe-  
resistant



flame  
retardant



grounding  
wire



abrasion  
resistant



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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 60                  | 68,00               | 0,65                | 60                  | 0,40                          | 0,25              | 4,94                        | 10         | 27700060-1000-000-00 |
| 60                  | 68,00               | 0,65                | 60                  | 0,40                          | 0,25              | 7,41                        | 15         | 27700060-1500-000-00 |
| 80                  | 88,00               | 0,65                | 80                  | 0,35                          | 0,20              | 6,47                        | 10         | 27700080-1000-000-00 |
| 80                  | 88,00               | 0,65                | 80                  | 0,35                          | 0,20              | 9,71                        | 15         | 27700080-1500-000-00 |
| 100                 | 108,00              | 0,65                | 100                 | 0,30                          | 0,15              | 8,01                        | 10         | 27700100-1000-000-00 |
| 100                 | 108,00              | 0,65                | 100                 | 0,30                          | 0,15              | 12,01                       | 15         | 27700100-1500-000-00 |
| 120                 | 128,00              | 0,65                | 120                 | 0,30                          | 0,12              | 9,55                        | 10         | 27700120-1000-000-00 |
| 120                 | 128,00              | 0,65                | 120                 | 0,30                          | 0,12              | 14,32                       | 15         | 27700120-1500-000-00 |
| 127                 | 135,00              | 0,65                | 127                 | 0,28                          | 0,10              | 0,00                        | 15         | 27700127-1500-000-00 |
| 127                 | 135,00              | 0,65                | 127                 | 0,28                          | 0,10              | 0,00                        | 10         | 27700127-1000-000-00 |
| 150                 | 158,00              | 0,65                | 150                 | 0,25                          | 0,09              | 11,85                       | 10         | 27700150-1000-000-00 |
| 150                 | 158,00              | 0,65                | 150                 | 0,25                          | 0,09              | 17,77                       | 15         | 27700150-1500-000-00 |
| 160                 | 170,00              | 0,80                | 160                 | 0,20                          | 0,08              | 17,50                       | 10         | 27700160-1000-000-00 |
| 160                 | 170,00              | 0,80                | 160                 | 0,20                          | 0,08              | 26,25                       | 15         | 27700160-1500-000-00 |
| 180                 | 190,00              | 0,80                | 180                 | 0,15                          | 0,07              | 19,61                       | 10         | 27700180-1000-000-00 |
| 180                 | 190,00              | 0,80                | 180                 | 0,15                          | 0,07              | 29,42                       | 15         | 27700180-1500-000-00 |
| 200                 | 210,00              | 0,80                | 200                 | 0,15                          | 0,05              | 21,73                       | 10         | 27700200-1000-000-00 |
| 200                 | 210,00              | 0,80                | 200                 | 0,15                          | 0,05              | 32,59                       | 15         | 27700200-1500-000-00 |
| 225                 | 235,00              | 0,80                | 225                 | 0,10                          | 0,04              | 24,37                       | 10         | 27700225-1000-000-00 |
| 225                 | 235,00              | 0,80                | 225                 | 0,10                          | 0,04              | 36,56                       | 15         | 27700225-1500-000-00 |
| 250                 | 260,00              | 0,80                | 250                 | 0,10                          | 0,04              | 27,01                       | 10         | 27700250-1000-000-00 |
| 250                 | 260,00              | 0,80                | 250                 | 0,10                          | 0,04              | 40,52                       | 15         | 27700250-1500-000-00 |

| 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       |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------------|
| 280                 | 290,00              | 0,80                | 280                 | 0,08                          | 0,03              | 30,18                       | 10         | 27700280-1000-000-00 |
| 300                 | 310,00              | 0,80                | 300                 | 0,05                          | 0,03              | 32,30                       | 10         | 27700300-1000-000-00 |
| 315                 | 325,00              | 0,80                | 315                 | 0,03                          | 0,02              | 33,88                       | 10         | 27700315-1000-000-00 |
| 350                 | 360,00              | 0,80                | 350                 | 0,02                          | 0,02              | 37,58                       | 10         | 27700350-1000-000-00 |
| 400                 | 410,00              | 0,80                | 400                 | 0,02                          | 0,02              | 42,87                       | 10         | 27700400-1000-000-00 |
| 450                 | 460,00              | 0,80                | 450                 | 0,01                          | 0,01              | 48,16                       | 10         | 27700450-1000-000-00 |
| 500                 | 510,00              | 0,80                | 500                 | 0,01                          | 0,01              | 53,44                       | 10         | 27700500-1000-000-00 |