

### APDatec 81

Multilayer compressed air hose made of PVC with highly tear-resistant Polyester fabric

|                     |                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | compressed air, compressors, food production & -conveying, printing machines, water drain                                                                                                                    |
| <b>Structure</b>    | soft PVC, uncolored, transparent, cross braid                                                                                                                                                                |
| <b>Temperature</b>  | -20°C up to 65°C                                                                                                                                                                                             |
| <b>Properties</b>   | good flexibility, good tensile strength, ultimate elongation, crush-resistant, high pressure resistance, very smooth inside, smooth outside, phthalate-free                                                  |
| <b>Norms</b>        | material according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C   certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C |



| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Burst Pressure (bar) | Weight (kg/m) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|----------------------|---------------|-----------------------------|------------|----------------|
| 4                   | 10,00               | 3,00                | 15                  | 28,00                         | 84,00                | 0,08000       | 4,00                        | 50         | 810043050      |
| 5                   | 11,00               | 3,00                | 18                  | 28,00                         | 84,00                | 0,09600       | 4,80                        | 50         | 810053050      |
| 6                   | 12,00               | 3,00                | 25                  | 25,00                         | 75,00                | 0,10800       | 10,80                       | 100        | 810063000      |
| 6                   | 12,00               | 3,00                | 25                  | 25,00                         | 75,00                | 0,10800       | 1,08                        | 10         | 810063010      |
| 6                   | 12,00               | 3,00                | 25                  | 25,00                         | 75,00                | 0,10800       | 2,70                        | 25         | 810063025      |
| 6                   | 11,00               | 2,50                | 25                  | 25,00                         | 75,00                | 0,08500       | 4,25                        | 50         | 810062550      |
| 6                   | 12,00               | 3,00                | 25                  | 25,00                         | 75,00                | 0,10800       | 5,40                        | 50         | 810063050      |
| 8                   | 14,00               | 3,00                | 30                  | 24,00                         | 72,00                | 0,12600       | 6,30                        | 50         | 810083050      |
| 9                   | 15,00               | 3,00                | 35                  | 22,00                         | 66,00                | 0,13800       | 3,45                        | 25         | 810093025      |
| 9                   | 15,00               | 3,00                | 35                  | 22,00                         | 66,00                | 0,13800       | 13,80                       | 100        | 810093000      |
| 9                   | 14,00               | 2,50                | 30                  | 22,00                         | 66,00                | 0,11500       | 5,75                        | 50         | 810092550      |
| 9                   | 15,00               | 3,00                | 35                  | 22,00                         | 66,00                | 0,13800       | 6,90                        | 50         | 810093050      |
| 10                  | 16,00               | 3,00                | 40                  | 21,00                         | 63,00                | 0,15600       | 15,60                       | 100        | 810103000      |
| 10                  | 16,00               | 3,00                | 40                  | 21,00                         | 63,00                | 0,15600       | 3,90                        | 25         | 810103025      |
| 10                  | 16,00               | 3,00                | 40                  | 21,00                         | 63,00                | 0,15600       | 7,80                        | 50         | 810103050      |
| 12                  | 18,00               | 3,00                | 55                  | 17,00                         | 51,00                | 0,18000       | 9,00                        | 50         | 810123050      |
| 12                  | 21,00               | 4,50                | 55                  | 17,00                         | 51,00                | 0,29700       | 14,85                       | 50         | 810124550      |
| 12,5                | 18,50               | 3,00                | 70                  | 15,00                         | 45,00                | 0,18600       | 1,86                        | 10         | 811253010      |
| 12,5                | 18,50               | 3,00                | 70                  | 15,00                         | 45,00                | 0,18600       | 4,65                        | 25         | 811253025      |
| 12,5                | 18,50               | 3,00                | 70                  | 15,00                         | 45,00                | 0,18600       | 9,30                        | 50         | 811253050      |
| 13                  | 20,00               | 3,50                | 72                  | 16,00                         | 48,00                | 0,23120       | 5,78                        | 25         | 810133525      |
| 13                  | 19,00               | 3,00                | 70                  | 15,00                         | 45,00                | 0,19200       | 9,60                        | 50         | 810133050      |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Burst Pressure (bar) | Weight (kg/m) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|----------------------|---------------|-----------------------------|------------|----------------|
| 13                  | 20,00               | 3,50                | 72                  | 16,00                         | 48,00                | 0,23100       | 11,55                       | 50         | 810133550      |
| 15                  | 21,00               | 3,00                | 75                  | 15,00                         | 45,00                | 0,21600       | 10,80                       | 50         | 810153050      |
| 16                  | 22,00               | 3,00                | 75                  | 15,00                         | 45,00                | 0,21940       | 10,97                       | 50         | 810163050      |
| 16                  | 23,00               | 3,50                | 75                  | 15,00                         | 45,00                | 0,27300       | 13,65                       | 50         | 810163550      |
| 16                  | 24,00               | 4,00                | 75                  | 15,00                         | 45,00                | 0,32080       | 16,04                       | 50         | 810164050      |
| 19                  | 26,00               | 3,50                | 130                 | 10,00                         | 30,00                | 0,31520       | 7,88                        | 25         | 810193525      |
| 19                  | 25,00               | 3,00                | 125                 | 10,00                         | 30,00                | 0,25400       | 12,70                       | 50         | 810193050      |
| 19                  | 26,00               | 3,50                | 130                 | 10,00                         | 30,00                | 0,31500       | 15,75                       | 50         | 810193550      |
| 19                  | 27,00               | 4,00                | 130                 | 11,00                         | 33,00                | 0,36800       | 9,20                        | 25         | 810194025      |
| 19                  | 27,00               | 4,00                | 130                 | 11,00                         | 33,00                | 0,36800       | 18,40                       | 50         | 810194050      |
| 25                  | 37,00               | 6,00                | 240                 | 7,00                          | 21,00                | 0,71500       | 35,75                       | 50         | 810256050      |
| 25                  | 33,00               | 4,00                | 200                 | 9,00                          | 27,00                | 0,46400       | 11,60                       | 25         | 810254025      |
| 25                  | 33,00               | 4,00                | 200                 | 9,00                          | 27,00                | 0,46400       | 23,20                       | 50         | 810254050      |
| 25                  | 34,00               | 4,50                | 220                 | 8,00                          | 24,00                | 0,53120       | 13,28                       | 25         | 810254525      |
| 25                  | 34,00               | 4,50                | 220                 | 8,00                          | 24,00                | 0,53100       | 26,55                       | 50         | 810254550      |
| 30                  | 38,00               | 4,00                | 250                 | 7,00                          | 21,00                | 0,54400       | 13,60                       | 25         | 810304025      |
| 30                  | 38,00               | 4,00                | 250                 | 7,00                          | 21,00                | 0,54400       | 27,20                       | 50         | 810304050      |
| 32                  | 42,00               | 5,00                | 310                 | 8,00                          | 24,00                | 0,74000       | 18,50                       | 25         | 810325025      |
| 32                  | 42,00               | 5,00                | 310                 | 8,00                          | 24,00                | 0,74000       | 37,00                       | 50         | 810325050      |
| 38                  | 48,00               | 5,00                | 420                 | 6,00                          | 18,00                | 0,86000       | 21,50                       | 25         | 810385025      |
| 38                  | 48,00               | 5,00                | 420                 | 6,00                          | 18,00                | 0,86000       | 43,00                       | 50         | 810385050      |
| 45                  | 55,00               | 5,00                | 550                 | 4,00                          | 12,00                | 1,00000       | 25,00                       | 25         | 810455025      |
| 50                  | 60,00               | 5,00                | 650                 | 4,00                          | 12,00                | 1,10000       | 27,50                       | 25         | 810505025      |
| 50                  | 60,00               | 5,00                | 650                 | 4,00                          | 12,00                | 1,10000       | 55,00                       | 50         | 810505050      |