

### APDatec 621

Lightweight suction hose with an aluminium inner layer

|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | welding gas extraction, extraction systems, extractions arms, air supply, steam extraction                                     |
| <b>Structure</b>    | polyester, black, opaque, steel wire / spring steel wire / not coated / galvanized                                             |
| <b>Temperature</b>  | -30°C up to 140°C                                                                                                              |
| <b>Properties</b>   | light weight, very good flexibility, good low-temperature flexibility, excellent axial compressibility, permanently antistatic |



hydrolysis  
resistant



microbe-  
resistant



high  
temperature



flame  
retardant



air



dust

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Vacuum Max. (bar) | Weight (kg/m) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|---------------------|-------------------|---------------|-----------------------------|------------|----------------|
| 51                  | 52,00               | 0,20                | 25                  | 0,12              | 0,14300       | 1,43                        | 10         | 621051         |
| 63                  | 64,00               | 0,20                | 31                  | 0,11              | 0,15400       | 1,54                        | 10         | 621063         |
| 76                  | 78,00               | 0,20                | 38                  | 0,09              | 0,17600       | 1,76                        | 10         | 621076         |
| 80                  | 82,00               | 0,20                | 40                  | 0,09              | 0,18700       | 1,87                        | 10         | 621080         |
| 90                  | 92,00               | 0,20                | 45                  | 0,08              | 0,19800       | 1,98                        | 10         | 621090         |
| 102                 | 104,00              | 0,20                | 51                  | 0,08              | 0,23100       | 2,31                        | 10         | 621102         |
| 127                 | 129,00              | 0,20                | 63                  | 0,06              | 0,27500       | 2,75                        | 10         | 621127         |
| 152                 | 154,00              | 0,20                | 76                  | 0,05              | 0,33000       | 3,30                        | 10         | 621152         |
| 160                 | 162,00              | 0,20                | 80                  | 0,04              | 0,40700       | 4,07                        | 10         | 621160         |
| 180                 | 182,00              | 0,20                | 90                  | 0,02              | 0,42900       | 4,29                        | 10         | 621180         |
| 203                 | 205,00              | 0,20                | 101                 | 0,02              | 0,44000       | 4,40                        | 10         | 621203         |
| 254                 | 256,00              | 0,20                | 127                 | 0,01              | 0,63800       | 6,38                        | 10         | 621254         |
| 305                 | 307,00              | 0,20                | 152                 | 0,01              | 0,81400       | 8,14                        | 10         | 621305         |
| 356                 | 358,00              | 0,20                | 178                 | 0,01              | 0,99000       | 9,90                        | 10         | 621356         |
| 408                 | 410,00              | 0,20                | 204                 | 0,01              | 1,11500       | 11,15                       | 10         | 621408         |
| 459                 | 461,00              | 0,20                | 229                 | 0,01              | 1,32000       | 13,20                       | 10         | 621459         |
| 510                 | 512,00              | 0,20                | 255                 | 0,01              | 1,48500       | 14,85                       | 10         | 621510         |
| 610                 | 612,00              | 0,20                | 305                 | 0,01              | 1,76000       | 17,60                       | 10         | 621610         |