



Inner lining:

Nitril-rubber

Exterior:

Nitril-rubber with ribs

Jacket:

100 % Polyester high tenacity yarn, circular woven

Applications:

irrigation hose

PROFI

fully extruded multi-purpose layflat hose



Characteristics:

extremely high abrasion resistance, lightweight and flexible, ageing and ozone resistant, external resistance to oil, fuel and chemical products

Temperature:

cold resistant to - 30 °C

heat resistant up to + 100 °C (temporarily higher)

| inner diameter mm | inner diameter inch | weight approx. g/m | burst pressure bar | working pressure * bar (2:1) | working pressure * bar (3:1) | tensile strength kg | tear strength kg | wall thickness mm |
|-------------------|---------------------|--------------------|--------------------|------------------------------|------------------------------|---------------------|------------------|-------------------|
| 19 | 3/4 | 190 | 60 | 30 | 20 | 850 | | 1,70 |
| 25 | 1 | 220 | 60 | 30 | 20 | 1000 | | 1,70 |
| 32 | 1 1/4 | 280 | 60 | 30 | 20 | 1300 | | 2,10 |
| 38 | 1 1/2 | 330 | 60 | 30 | 20 | 1700 | | 2,10 |
| 42 | 1 2/3 | 350 | 60 | 30 | 20 | 1900 | | 2,10 |
| 45 | 1 3/4 | 380 | 60 | 30 | 20 | 2000 | | 2,30 |
| 52 | 2 | 440 | 50 | 25 | 17 | 2400 | | 2,30 |
| 64 | 2 1/2 | 570 | 50 | 25 | 17 | 2900 | | 2,30 |
| 70 | 2 3/4 | 620 | 50 | 25 | 17 | 3300 | | 2,60 |
| 75 | 3 | 700 | 50 | 25 | 17 | 3900 | 8350 | 2,60 |
| 90 | 3 1/2 | 990 | 40 | 20 | 13 | 4500 | 9500 | 3,00 |
| 102 | 4 | 1120 | 40 | 20 | 13 | 5100 | 11200 | 3,00 |
| 110 | 4 1/3 | 1350 | 40 | 20 | 13 | 5500 | 12150 | 3,00 |
| 125 | 5 | 1430 | 30 | 15 | 10 | 7000 | 14350 | 3,00 |
| 152 | 6 | 1750 | 30 | 15 | 10 | 9000 | 18450 | 3,00 |
| 204 | 8 | 2500 | 24 | 12 | 8 | 12000 | | 3,50 |
| 250 | 10 | 3000 | 24 | 12 | 8 | 16300 | | 3,50 |

* Maximum recommended working pressure of the hose or maximum working pressure of the attached couplings whichever is the lower.

