

## COMPRESSED AIR AND VACUUM FLEXIBLE HOSES



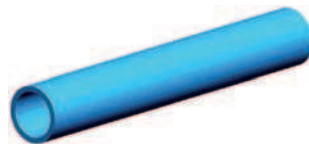
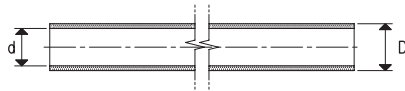
TPL flexible hoses are made with Polyamide 11 of vegetal derivation and are suited for compressed air and vacuum for internal diameters up to 9 mm, as well as for compressed air only.

They feature a good flexibility and lightness, a very low water absorption and excellent mechanical performance. They also feature an excellent resistance to low and high temperatures, chemical agents, pneumatic pressure and ageing.

Our TPR flexible hoses have been specially designed for vacuum and are composed of a single piece with plastic insulation and self-extinguishing materials, including the hose reinforcement core. Their excellent flexibility ensures minimal bending radius and are very light in relation to their great resistance to crushing.

Their smooth inside allows reducing harmful load losses to the minimum. The excellent functionality of these flexible hoses is associated with a high resistance to abrasion, to weather agents and most chemical products.

TPL flexible hose connection is ensured by the previously described fittings. As for TPR hoses, we have created a brand new range of RTPR fittings. RTPR fittings from 3/8" to 1" are made with self-extinguishing polypropylene, while the larger ones are made with nickel-plated metal. All the fittings are very sturdy and ensure a perfect vacuum seal. Moreover, these fittings do not require unpleasant hose clamps and make the connection much quicker and safer. They are available in various sizes according to the diameter of the hose to be connected.

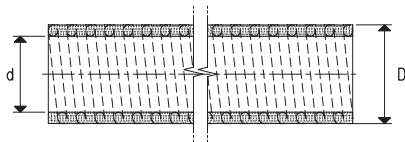


TPL HOSE

| Art.          | d<br>Ø int. | D<br>Ø ext. | Bending<br>radius | Weight<br>g/m | Package<br>m | Material     | Standard<br>colour |
|---------------|-------------|-------------|-------------------|---------------|--------------|--------------|--------------------|
| <b>TPL 2</b>  | 2.5         | 4           | 20                | 8.0           | 100          | polyamide 11 | sky blue           |
| <b>TPL 4</b>  | 4.0         | 6           | 30                | 19.5          | 100          | polyamide 11 | sky blue           |
| <b>TPL 6</b>  | 6.0         | 8           | 40                | 20.5          | 100          | polyamide 11 | sky blue           |
| <b>TPL 8</b>  | 8.0         | 10          | 60                | 24.0          | 100          | polyamide 11 | sky blue           |
| <b>TPL 9</b>  | 9.0         | 12          | 70                | 28.0          | 50           | polyamide 11 | sky blue           |
| <b>TPL 12</b> | 12.0        | 15          | 95                | 67.0          | 50           | polyamide 11 | sky blue           |
| <b>TPL 16</b> | 16.0        | 18          | 130               | 56.0          | 50           | polyamide 11 | sky blue           |
| <b>TPL 18</b> | 18.0        | 22          | 300               | 133.0         | 50           | polyamide 11 | sky blue           |

Operating temperature: -40° / +70 °C

Other colours upon request



TPR HOSE

| Art.              | d<br>Ø int. | D<br>Ø ext. | Bending<br>radius | Weight<br>g/m | Package<br>m | Material | Standard<br>colour |
|-------------------|-------------|-------------|-------------------|---------------|--------------|----------|--------------------|
| <b>TPR 3/8"</b>   | 12.7        | 17.8        | 64                | 150           | 30           | pvc      | grey               |
| <b>TPR 1/2"</b>   | 16.2        | 21.1        | 81                | 170           | 30           | pvc      | grey               |
| <b>TPR 3/4"</b>   | 21.3        | 26.4        | 107               | 230           | 30           | pvc      | grey               |
| <b>TPR 1"</b>     | 27.0        | 33.1        | 135               | 370           | 30           | pvc      | grey               |
| <b>TPR 1" 1/4</b> | 35.7        | 41.8        | 179               | 500           | 30           | pvc      | grey               |
| <b>TPR 1" 1/2</b> | 40.6        | 47.8        | 203               | 630           | 30           | pvc      | grey               |
| <b>TPR 2"</b>     | 51.9        | 59.8        | 260               | 900           | 30           | pvc      | grey               |

Operating temperature: -10° / +60 °C

Conversion ratio: inch =  $\frac{\text{mm}}{25.4}$ ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$