

COMPRESSED AIR AND VACUUM FLEXIBLE HOSES AND RELATIVE FITTINGS



TPL flexible hoses are made with Polyamide 11 of vegetable 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 are lightweight, 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.

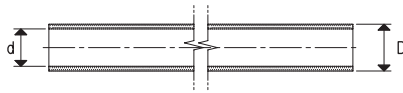
Our TPR flexible hoses have been specially designed for vacuum and are composed of a single piece with plastic insulation and self-extinguishing materials, including the hose reinforcement core. Their excellent flexibility ensures minimal bending radius and are very light in relation to their great resistance 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, while we have created a completely new line of RTPR fittings for TPR hoses. RTPR fittings from 3/8" to 1" are made of self-extinguishing PVC. The larger ones are made of nickel-plated metal.

The fittings are all extremely sturdy and offer a provide vacuum seal. The use of these fittings eliminates unsightly hose clamps and make the connection much faster and safer. They are available in various sizes, depending on the diameter of the hose to be connected.

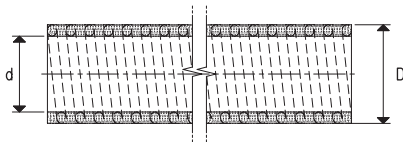


TPL HOSE

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

Operating temperature: -40° / +70°C

Other colours upon request



TPR HOSE

Item	d Ø int.	D Ø ext.	Bending radius	Weight g/m	Package m	Material	Standard colour
TPR 3/8"	12.7	17.8	60	150	30	pvc	grey
TPR 1/2"	16.2	21.1	80	170	30	pvc	grey
TPR 3/4"	21.3	26.4	105	230	30	pvc	grey
TPR 1"	27.0	33.1	135	370	30	pvc	grey
TPR 1" 1/4	35.7	41.8	175	500	30	pvc	grey
TPR 1" 1/2	40.6	47.8	200	630	30	pvc	grey
TPR 2"	51.9	59.8	260	900	30	pvc	grey

Operating temperature: -10° / +60 °C

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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