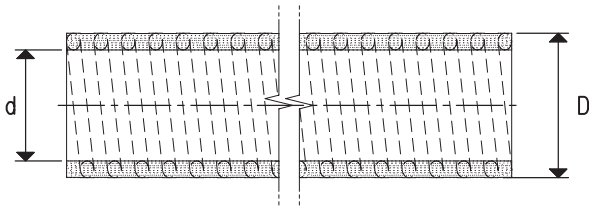
COMPRESSED AIR AND VACUUM FLEXIBLE HOSES AND RELATIVE FITTINGS

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.
We have created a completely new line of RMTPR fittings for TPR hoses. RTPR fittings from 3/8" to 1" are made of self-extinguishing PVC. RMTPR in anodised aluminium.
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.
Our hoses can be managed in mobile laying/cable chains as long as the specifications regarding the hose bending radius indicated on the table are met.

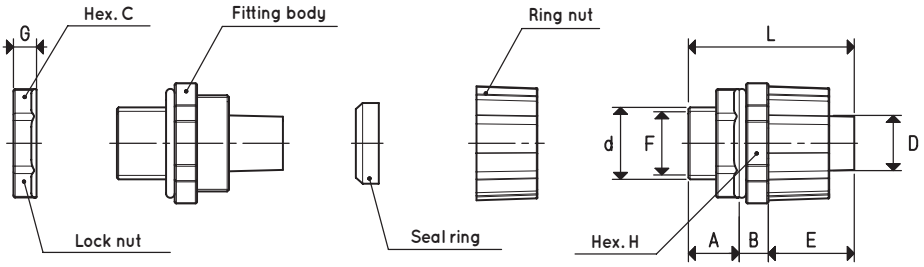


TPR HOSE

Item	d ±0,5 mm Ø int.	D ±0,5 mm Ø ext.	Bending radius	Operating temperature	Weight per meter g/m	Package m	Material	Standard colour
TPR 3/8"	12.3	17.5	60	-10°/+50°	160	30	pvc	grey
TPR 1/2"	16.0	21.2	80	-10°/+50°	195	30	pvc	grey
TPR 3/4"	21.0	26.2	105	-10°/+50°	260	30	pvc	grey
TPR 1"	27.0	33.2	135	-10°/+50°	375	30	pvc	grey
TPR 1" 1/4	35.0	42.4	175	-10°/+50°	550	30	pvc	grey
TPR 1" 1/2	40.0	48.0	200	-10°/+50°	710	30	pvc	grey
TPR 2"	52.0	56.2	260	-10°/+50°	910	30	pvc	grey
TPR 3"	80.0	90.0	400	-10°/+40°	1750	10	pvc	grey

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

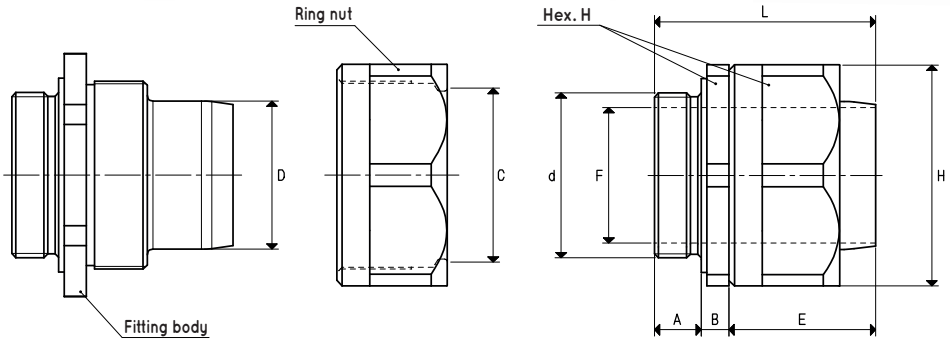
TPR FLEXIBLE HOSE FITTINGS



RTPR FITTINGS

Item	d Ø	A	B	C	D Ø	E	F Ø	G	H	L	Material	For TPR hose	Weight g
RTPR 3/8"	G3/8"	14.5	8.5	26	12.0	23.5	10.5	6	28	46.5	pvc	TPR 3/8"	12
RTPR 1/2"	G1/2"	14.5	9.0	28	15.5	26.5	13.5	7	33	50.0	pvc	TPR 1/2"	18
RTPR 3/4"	G3/4"	14.0	10.5	35	20.8	26.5	18.5	9	38	51.0	pvc	TPR 3/4"	26
RTPR 1"	G1"	16.0	9.0	41	26.5	32.5	24.5	10	44	57.5	pvc	TPR 1"	36

Operating temperature: -10° / +60 °C



RMTPR FITTINGS

Item	d Ø	A	B	C Ø	D Ø	E	F Ø	H	L	Material	For TPR hose	Weight g
RMTPR 1" 1/4	G1" 1/4	13	8	42.7	36.5	33	33	54	54	anodised aluminium	TPR 1" 1/4	360
RMTPR 1" 1/2	G1" 1/2	15	9	48.7	41.8	40	38	62	64	anodised aluminium	TPR 1" 1/2	390
RMTPR 2"	G2"	17	10	60.8	53.5	48	49	80	75	anodised aluminium	TPR 2"	440
RMTPR 3"	G3"	30	14	90.3	80.3	76	73	110	120	anodised aluminium	TPR 3"	1258

Operating temperature: -20° / +60 °C

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.134