



FITTINGS, NYLON SEALS AND HOSES

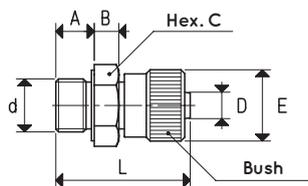
3D drawings are available on vuotecnica.net

The fittings described on this page are particularly suitable for connecting vacuum cup holders to their manifolds and in all those cases that require a connection to vacuum sources via smooth flexible hoses with internal diameters of 4, 6 and 9 mm, which is the maximum allowed for a vacuum hose with no internal reinforcement.

These are semi-rapid fittings. The hose is fixed by manually screwing the reeded bush with no need for keys.

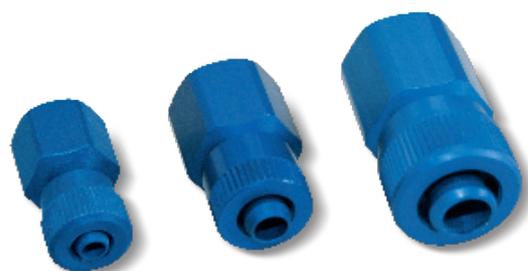
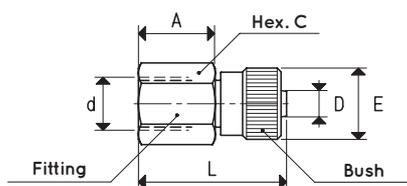
The threaded connections are male or female, according to the requirements. The range is completed by L and T-type fittings and caps with O-rings.

The fittings are supplied complete with nylon seals.



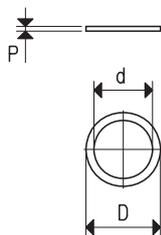
MALE FITTING

Item	d Ø	A	B	C	D Ø int. hose	E Ø	L	Fitting material	Bush material	Weight g
RM M5	M5	5.0	3.5	10	4	10	19.5	tropicalised iron	anodised aluminium	6
RM 1/8"	G1/8"	7.0	4.5	14	4	13	24.5	anodised aluminium	anodised aluminium	6
RM 1/4"	G1/4"	8.5	5.0	17	6	15	27.0	anodised aluminium	anodised aluminium	10
RM 3/8"	G3/8"	10.5	5.0	19	9	20	32.5	anodised aluminium	anodised aluminium	18



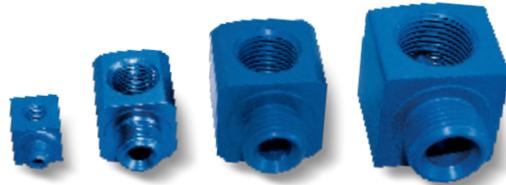
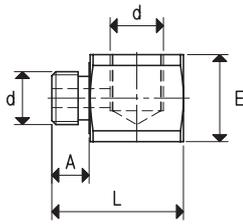
FEMALE FITTING

Item	d Ø	A	C	D Ø int. hose	E Ø	L	Fitting material	Bush material	Weight g
RF 1/8"	G1/8"	14	14	4	13	27.0	anodised aluminium	anodised aluminium	8
RF 1/4"	G1/4"	16	17	6	15	30.0	anodised aluminium	anodised aluminium	12
RF 3/8"	G3/8"	20	19	9	20	32.5	anodised aluminium	anodised aluminium	16



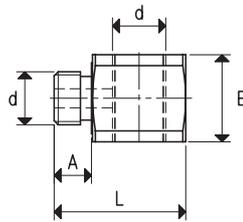
SEALS GN

Item	d Ø	D Ø	P	Material	Weight g
GN M5	M5	8.5	1.0	nylon	0.1
GN 1/8"	G1/8"	14.0	1.0	nylon	0.1
GN 1/4"	G1/4"	17.5	1.5	nylon	0.2
GN 3/8"	G3/8"	22.0	1.5	nylon	0.3
GN 1/2"	G1/2"	27.0	1.5	nylon	0.4



L-FITTING

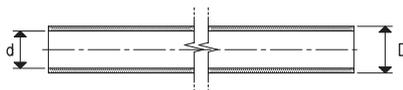
Item	d Ø	A	E	L	Fitting material	Weight g
RL M5	M5	4.5	10	15.0	anodised aluminium	2
RL 1/8"	G1/8"	7.0	16	24.0	anodised aluminium	10
RL 1/4"	G1/4"	9.0	22	30.0	anodised aluminium	22
RL 3/8"	G3/8"	11.0	25	32.5	anodised aluminium	30



T-FITTING

Item	d Ø	A	E	L	Fitting material	Weight g
RT M5	M5	4.5	10	15.0	anodised aluminium	1
RT 1/8"	G1/8"	7.0	16	24.0	anodised aluminium	9
RT 1/4"	G1/4"	9.0	22	30.0	anodised aluminium	21
RT 3/8"	G3/8"	11.0	25	32.5	anodised aluminium	29

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. The TPL hoses are connected by the fittings described above.



TPL 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
TPL 2	2.5	4	20	-40° / +70°	8.0	100	polyamide 11	light blue
TPL 4	4.0	6	30	-40° / +70°	19.5	100	polyamide 11	light blue
TPL 6	6.0	8	40	-40° / +70°	20.5	100	polyamide 11	light blue
TPL 8	8.0	10	60	-40° / +70°	24.0	100	polyamide 11	light blue
TPL 9	9.0	12	70	-40° / +70°	28.0	50	polyamide 11	light blue

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

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

Adapters for GAS - NPT threading available on page 1.134