

I-36063 Marostica (Vicenza) Italy
www.valco.eu

VALCO RANGE FLEXIBLE HOSES VHF - Braiding flexible hoses with Gas threaded connections

Pump and motor construction data
with limits of use and operating conditions

OPERATING CONDITIONS (LIMITS OF USE)

Maximum working pressure (bar)	10
Maximum working temperature (°C)	+90
Fluid type	Clean water and fluids compatible with the construction materials not mechanically or chemically aggressive / corrosive

CONSTRUCTION MATERIALS

Part	Material
Internal tube	EPDM rubber
External braiding	Galvanized steel
Bushing	Aluminium
Swivel nut	Brass or nickel plated brass
Male fitting	Brass or nickel plated brass
Internal tube holder	Brass
Elbow	Nickel plated copper

Type straight-bend: with elbow male or female (swivel nut) fittings	Dimensions in mm and Limits of use								
Thread size (G)	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
Fittings dimensions (mm)	10x18	13x21	19x29	25x37	35x49	40x56	50x67		
Minimum curvature radius (mm)	80	100	150	200	230	270	300		
Maximum working pressure (bar)	10	10	10	10	6	6	6		
Bore size (mm)	8	10	15	20	28	33	44		

Length up to 1200 mm



Type straight-straight: straight male or female (swivel nut) fittings	Dimensions in mm and Limits of use								
Thread size (G)	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
Fittings dimensions (mm)	10x18	13x21	19x29	25x37	35x49	40x56	50x67		
Minimum curvature radius (mm)	80	100	150	200	230	270	300		
Maximum working pressure (bar)	10	10	10	10	6	6	6		
Bore size (mm)	8	10	15	20	28	33	44		

Length up to 1200 mm



When installing, the flexibles must not be twisted

Types of fittings available: male-female or female-female (all female with swivel nut)

