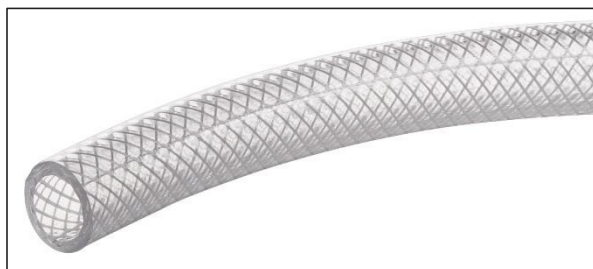


PVC universal hoses



PVC 1125

Braided reinforced PVC hose for water and drinking water

Inner layer: transparent PVC

Reinforcement: Polyester braid

Outer layer: transparent PVC

Operating temperature: -5°C to +60°C
(temperature-dependent operating pressure)

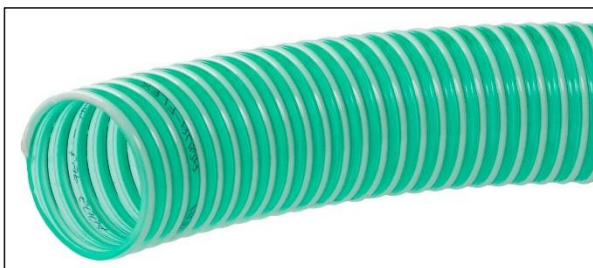
High-quality PVC hose designed for water. It can be used for the transmission of drinking water (short-term contact with drinking water) - it has a certificate of compliance with the requirements of 409/2005 Sb for this application issued in the Czech Republic (contact Tubes International). For use in industry, agriculture, horticulture and domestic applications.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar]	mass [kg/m]	Roll length [m]
VLM-PVC-1125-06	6	11	2,5	17	50	0,09	50
VLM-PVC-1125-08	8	13	2,5	15	45	0,105	50
VLM-PVC-1125-10	10	14,5	2,25	14	40	0,11	50
VLM-PVC-1125-13	12,7	17	2,15	12	36	0,14	50
VLM-PVC-1125-16	16	22	3	12	36	0,23	50
VLM-PVC-1125-19	19	26	3,5	10	30	0,32	50
VLM-PVC-1125-25	25	32	3,5	10	24	0,4	50
VLM-PVC-1125-32	32	40	4	10	21	0,59	50

Note: indexes highlighted in colour - most commonly used

Temperature dependence of burst pressure and working pressure for typical PVC hoses	temperature	20°C	30°C	40°C	50°C	60°C	70°C
	pressure	100%	74%	55%	40%	30%	22%

Also look for hoses for drinking water in the chapters "Hoses for water and air" and "Hoses for food substances".



AQUA-FLEX

Economy PVC suction hose for universal use, reinforced with hard PVC spiral

Hose material: green transparent PVC

Reinforcement: white hard PVC spiral

Operating temperature: -20°C to +60°C
(temperature-dependent operating pressure)

Lightweight, flexible, economical suction and delivery hose for universal applications. Smooth inside, slightly corrugated outside. Suitable for water, light chemicals, slurries and waste water, plant protection products, other liquids (avoiding grease, oils and hydrocarbons). Also for air, vacuum transfer of dusts, powders, light granulates and other **slightly** abrasive bulk substances. Abrasiveness and the possible problem of static electricity must then be taken into account. Widely used in agriculture, horticulture and domestic applications.

As a hose reinforced only with a hard PVC spiral and no braid, it has some elongation under pressure, which must be taken into account in applications, especially at elevated temperatures.

index	internal diameter [mm]	Outer diameter (approximate) [mm]	wall thickness [mm]	20°C vacuum [bar]	mass [kg/m]	Roll length [m]
VLM-AQUAFLEX-020	20	24,3	1,9	0,6	0,185	30
VLM-AQUAFLEX-025	25	30	2,1	0,6	0,23	30
VLM-AQUAFLEX-030	30	35	2,2	0,6	0,27	30
VLM-AQUAFLEX-032	32	37	2,2	0,6	0,3	30
VLM-AQUAFLEX-038	38	44	2,6	0,6	0,4	30
VLM-AQUAFLEX-040	40	46	2,6	0,6	0,41	30
VLM-AQUAFLEX-050	50	57	3	0,6	0,6	30
VLM-AQUAFLEX-060	60	68,5	3,6	0,6	0,85	30

Note: indexes highlighted in colour - most commonly used

Temperature dependence of burst pressure and working pressure for typical PVC hoses	temperature	20°C	30°C	40°C	50°C	60°C	70°C
	pressure	100%	74%	55%	40%	30%	22%