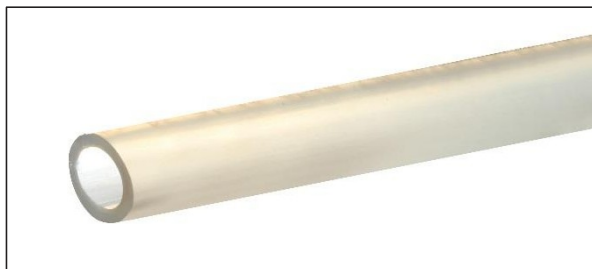


TYGON fuel hoses®



TYGON® LP-1200

Fuel hose for small engines with very low vapour permeability, fuel up to 100% ethanol, immersible in fuel

Material:	PVDF / TPE (multilayer)
Operating temp:	-40°C to+ 82°C
Brittleness temp:	- 90°C
Hardness:	78° Shore (A)
Density:	1.27 g/cm ³

Colourless, transparent, flexible fuel hose with extremely low permeation of fuel vapour through the hose wall. Meets US EPA and CARB requirements (permeation up to 15 g/m²/24h). Patented multilayer hose construction with a PVDF fluoropolymer inner layer resistant to fuels with up to 100% ethanol content. Resistant to swelling and hardening due to hydrocarbons, significantly reduces the risk of rupture and leakage. Minimal extractability safeguards fuel purity and an extremely low aromatic permeation rate protects the operator and the environment. Ozone and UV resistant (ANSI B175.1 D). The hose's flexibility makes it easy to install even in tight spaces and is also maintained at low temperatures, ensuring trouble-free fuel withdrawal in any position. The transparent wall allows the flow rate to be monitored. Thanks to the PVDF inner layer, the hose is resistant to most chemicals and fuels. Can be immersed in fuel (only re-use in high outdoor temperatures is not recommended). Flame-retardant (UL 94 HB). Used on modern lawnmowers, chainsaws, petrol augers, hedge trimmers, etc. garden machinery. Full hose reel length 15 m.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure* 23°C [bar]	vacuum 23°C [mm Hg]	bend radius [mm]
VE-ALR00700	2,03	3,56	0,77	4,83	760	5,7
VE-ALR00165	2,4	4,8	1,2	4,48	760	6,4
VE-ALR00007	3,2	6,4	1,6	4,14	760	9,5
VE-ALR00012	4,8	8	1,6	3,1	760	12,7
VE-ALR00017	6,4	9,6	1,6	2,07	760	17,1

* - working pressure determined in relation to burst pressure with a safety factor of 1:5

