Water hoses



MASTER PLUS

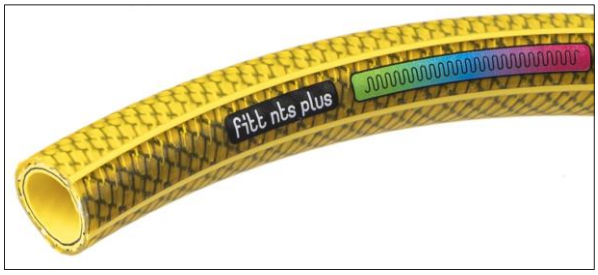
Water hose for horticulture and industry

Inner layer: multi-layer grey PVC
Reinforcement: strong woven polyester braid
Cover: grey PVC
Working temperature: from -20°C to +60°C (working pressure depends on temperature)

An exceptionally flexible water hose, also at low temperatures, intended for professional use in horticulture and industry. Multi-layer PVC construction. The double woven braid in NTS PLUS technology provides high pressure strength, low expansion under pressure and resistance to twists, kinks and loops. The outer PVC layer is coated with a thin, transparent, glossy polymer (SKY TECH) that protects against UV radiation, resists abrasion and cuts, and slides easily over surfaces. The robust hose construction ensures long, trouble-free use. Phthalate-free (< 0.1%), compliant with EC 10/2011 (simulant A, B, C) and with REACH and RoHS regulations. Diameters and wall thicknesses matched to typical plastic garden fittings.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	pressure working 20°C [bar]	pressure burst 20°C [bar]	bending radius [mm]	weight [kg/m]	length length [m]
FT-MASTER-PLUS-13	12,3	17,3	2,5	16	50	60	0,145	20; 30; 50
FT-MASTER-PLUS-15	14,3	20,0	2,85	13	39	75	0,190	15; 25; 50
FT-MASTER-PLUS-19	18,3	24,9	3,3	11	33	90	0,280	20; 25; 50
FT-MASTER-PLUS-25	24,8	32,5	3,85	9	27	150	0,430	25; 50;

Relationship between burst pressure and working pressure as a function of temperature for typical PVC hoses	temperature	20ºC	30ºC	40ºC	50ºC	60ºC	70ºC
	pressure	100%	74%	55%	40%	30%	22%



GOLDTEK PRO

Industrial PVC water hose

Inner layer: multi-layer yellow PVC
Reinforcement: strong woven polyester braid
Cover: yellow PVC
Working temperature: from -20°C to +60°C (working pressure depends on temperature)

An exceptionally flexible water hose, also at low temperatures, intended for **intensive professional use** in industry, agriculture and horticulture, highly resistant to abrasion and weather conditions. Multi-layer PVC construction. Double woven braid in NTS PLUS technology ensures high pressure strength, low expansion under pressure and resistance to twisting, kinking and looping. Outer PVC layer coated with a transparent glossy polymer (SKY TECH), protecting against UV radiation, resistant to abrasion and cuts, easily sliding over surfaces. The strong hose construction ensures long-lasting, intensive and trouble-free use. Phthalate-free (< 0.1%), compliant with EC 10/2011 (simulant A) and with REACH and RoHS regulations.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	pressure working 20°C [bar]	pressure burst 20°C [bar]	bending radius [mm]	weight [kg/m]	length length [m]
FT-GOLDTEK-PRO-13	12,5	17,5	2,5	15	45	60	0,150	25; 50; 100
FT-GOLDTEK-PRO-15	15	20,7	2,85	11	33	75	0,204	25; 50; 100
FT-GOLDTEK-PRO-19	19	25,6	3,3	10	30	90	0,293	25; 50; 100
FT-GOLDTEK-PRO-25	25	32,8	3,9	9	27	150	0,454	25; 50; 100

Relationship between burst pressure and working pressure as a function of temperature for typical PVC hoses	temperature	20ºC	30ºC	40ºC	50ºC	60ºC	70ºC
	pressure	100%	74%	55%	40%	30%	22%