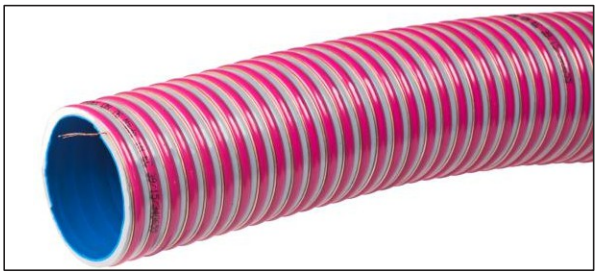
PVC transfer hoses with polyurethane inner layer



MULTIFLEX PU AS

PVC hose reinforced with hard PVC spiral with polyurethane (PU) inner layer

Inner layer: blue polyurethane (PU) **Hose material:** grey and purple PVC
Reinforcement: hard PVC spiral
Operating temp: -20°C to +60°C (temperature-dependent operating pressure)

Robust and thick suction and delivery hose designed for the transport of bulk abrasive substances, e.g. powders, cement, granulates, abrasives, etc. Corrugated on the outside, smooth on the inside. Inner layer made of abrasion-resistant polyurethane. Features good resistance to external trauma and heavy use. Resistant to UV radiation and low temperatures. The hose has a polyurethane-coated **copper wire** laid alongside the spiral, which dissipates electrical charges when earthed (or connected to the earthed end). Used in industrial installations, transhipment, construction and shipbuilding.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar].	Bursting pressure 20°C [bar].	20°C vacuum [bar].	bend radius [mm]	mass [kg/m]	Roll length [m]
FT-MULTIFLEX-PUAS-051	51	62	5,5	6	18	0,9	220	1,14	50
FT-MULTIFLEX-PUAS-076	76	88	6	5	15	0,9	300	1,81	50
FT-MULTIFLEX-PUAS-102	102	117,4	7,7	5	15	0,9	400	2,95	30

Note: indexes highlighted in colour - most commonly used

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



MULTIFLEX PU AS hose DN76 with GUILLEMIN type symmetrical coupling in AISI 316 stainless steel (GU-W-076SS), mounted with a strong galvanised steel screw clamp.