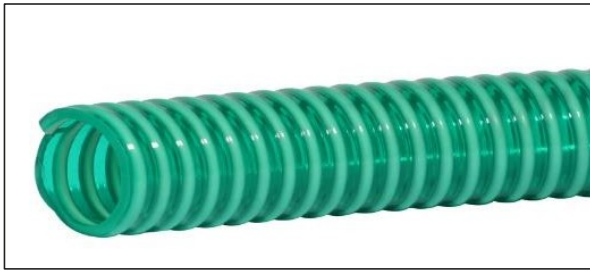


PVC universal hoses



LOUISIANA SUPERELASTIC

Highly flexible, low temperature resistant PVC hose reinforced with PVC spiral

Hose material: green transparent PVC
Reinforcement: hard PVC spiral
Operating temperature: -25°C to +55°C
 (temperature-dependent operating pressure)

A lightweight and highly flexible suction and delivery hose, even at low temperatures, for general industrial applications (industry, construction, agriculture). It can be used for water, light chemicals, slurries and waste water, plant protection products, other liquids (without grease, oils and hydrocarbons) as well as for air, vacuum transfer of dusts, powders, granulates and other **slightly** abrasive bulk substances (non-greasy). Abrasiveness and the possible problem of static electricity must then be taken into account.

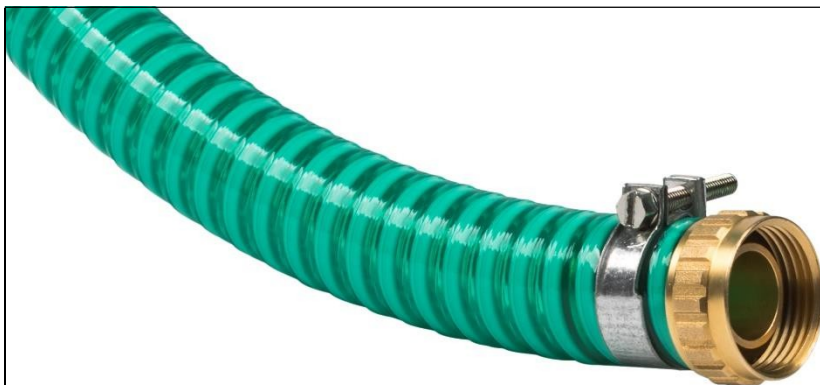
Reinforced with a hard PVC spiral, the impact-resistant material provides good resistance to vacuum and hose kinking. Smooth inner surface reduces flow losses and ensures easy cleaning. External surface slightly corrugated, for small diameters smooth.

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]	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]
ME-LUISIANA-SE-020	20	26,2	3,1	6,5	19,5	0,7	65	0,275	50
ME-LUISIANA-SE-025	25	31,6	3,3	6,5	19,5	0,7	100	0,330	50
ME-LUISIANA-SE-030	30	37	3,5	5,5	16,5	0,7	125	0,420	50
ME-LUISIANA-SE-032	32	39,2	3,6	5,5	16,5	0,7	135	0,460	50
ME-LUISIANA-SE-035	35	41,8	3,4	5	15	0,7	145	0,500	50
ME-LUISIANA-SE-038	38	45,4	3,7	4,5	13,5	0,7	155	0,550	50
ME-LUISIANA-SE-040	40	47,8	3,9	4,5	13,5	0,7	160	0,610	50
ME-LUISIANA-SE-045	45	52,8	3,9	4	12	0,7	180	0,670	50
ME-LUISIANA-SE-050	50	58,2	4,1	3,5	10,5	0,7	200	0,810	50
ME-LUISIANA-SE-060	60	69	4,5	3,5	10,5	0,7	245	0,970	50
ME-LUISIANA-SE-063	63	71,2	4,1	3,5	10,5	0,7	260	1,040	50
ME-LUISIANA-SE-076	76	86	5	2,5	7,5	0,7	320	1,380	50
ME-LUISIANA-SE-102	102,3	113,9	5,8	2,5	7,5	0,7	430	2,200	25
ME-LUISIANA-SE-127	127	140,6	6,8	2	6	0,5	670	3,130	25
ME-LUISIANA-SE-152	152,4	167,2	7,4	2	6	0,5	750	4,250	25

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%



Hose LUISIANA SE DN20 assembled with brass end with GW BSP 3/4" (NT-27250A4) clamped with a MINI screw clamp used for water with plant protection products in a botanical garden in Ukraine. The practically smooth outer surface of the LUISIANA SE DN20 hose and its rather soft wall makes it easy to press properly and tightly against the spigot of the nozzle even with a light MINI clamp.