

PVC universal hoses



FLORIDA

PVC hose reinforced with hard PVC spiral, universal and for food substances

Hose material: Transparent PVC
Reinforcement: Hard PVC spiral (grey)
Operating temperature: -5°C to +60°C
 (temperature-dependent operating pressure)

A very lightweight and flexible suction and delivery hose 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.

In the food industry, it can be used for hydrated foods, acidic foods, alcohols up to 20%, e.g. juices, beverages, beer, wine, (simulants A, B, C; up to +60°C and 2 h). Not recommended for milk and milk products as well as oils and fatty food substances. Reinforced spiral made of hard PVC, resistant to impacts, provides good resistance to vacuum and hose kinking. Smooth inner surface reduces flow loss and ensures easy cleaning. External surface slightly corrugated, for small diameters smooth.



FLORIDA hose complies with European requirements 1978/142/EEC, 1935/2004/EC, 1895/2005/EC and 10/2011/EU (simulants A, B, C), 2023/2006/EC (GMP). Suitable for temporary food contact for the transmission of food substances - under the conditions specified in the manufacturer's declaration of conformity (available from Tubes International). For additional information on food applications, see the section "Hoses for food products".



index	internal diameter [mm]	external diameter [mm]	overall 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-FLORIDA-020	20	24,9	2,4	6,5	19,5	0,6	110	0,210	25
ME-FLORIDA-025	25	29,7	2,4	6,5	19,5	0,6	140	0,250	25
ME-FLORIDA-030	30	35	2,5	6	18	0,6	175	0,330	25
ME-FLORIDA-032	32	37,2	2,6	6	18	0,6	180	0,350	25
ME-FLORIDA-035	35	40,4	2,7	6	18	0,6	195	0,400	25
ME-FLORIDA-038	38	43,6	2,8	6	18	0,6	210	0,430	25
ME-FLORIDA-040	40	46	3	5,5	16,5	0,6	220	0,480	25
ME-FLORIDA-045	45	52	3,5	5,5	16,5	0,6	255	0,640	25
ME-FLORIDA-050	50	58,4	4,2	5,5	16,5	0,6	275	0,760	25
ME-FLORIDA-055	55	63,8	4,4	5,5	16,5	0,6	310	0,860	25
ME-FLORIDA-060	60	68,4	4,2	4	12	0,6	330	0,900	25
ME-FLORIDA-063	63	71,2	4,1	4	12	0,6	350	0,970	25
ME-FLORIDA-070	70	79	4,5	3	9	0,6	450	1,130	25
ME-FLORIDA-075	75	84,4	4,7	3	9	0,6	500	1,200	25
ME-FLORIDA-080	80	89,4	4,7	3	9	0,6	550	1,450	25

Note: indexes highlighted in colour - most commonly used

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

FLORIDA DN25 hose assembled with STORZ aluminium coupling with 31 mm pitch (ST- 12-031025-11) clamped with worm band.

