

PVC food hoses



NEVADA PHF

PVC food hose reinforced with hard PVC spiral for the wine industry

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

A robust, lightweight and flexible suction and delivery hose designed specifically for the wine industry for heavier working conditions. Stronger than LUISIANA hose, with a thicker wall. A hose for demanding applications. Suitable for transferring water, beer, fine wines and spirits up to 20%, juices, beverages and other food products. Does not contain phthalates. Not recommended for milk and milk products, oils and fatty substances. Reinforced with an impact-resistant hard PVC spiral for very good vacuum resistance and hose kinking. The transparent wall allows easy visual inspection of the flow. Smooth inner surface reduces flow losses and ensures easy cleaning.

In the absence of direct food contact (in industry, construction, agriculture), it can be used:

- for light chemicals, water, sludge and waste water, other liquids (without grease, oils and hydrocarbons),
- for air, vacuum transfer of dusts, powders, granulates and other **slightly** abrasive bulk substances (not greasy). Abrasiveness and the possible problem of static electricity must then be taken into account.

Standards and requirements:

Food industry, food contact: Compliant with European requirements 1935/2004/EC and 10/2011/EU (simulation fluids A, B and C), 2023/2006/EC (GMP).

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Working pressure 20°C [bar]	Burst pressure 20°C [bar]	20°C vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-NEVADA-PHF-025	25	32,6	3,8	8	24	0,9	175	0,40	50
ME-NEVADA-PHF-030	30	37,6	3,8	8	24	0,9	210	0,50	50
ME-NEVADA-PHF-032	32	40	4	8	24	0,9	220	0,52	50
ME-NEVADA-PHF-035	35	43	4	8	24	0,9	240	0,60	50
ME-NEVADA-PHF-038	38	46,4	4,2	8	24	0,9	250	0,70	50
ME-NEVADA-PHF-040	40	49	4,5	8	24	0,9	260	0,75	50
ME-NEVADA-PHF-045	45	54	4,5	8	24	0,9	290	0,90	50
ME-NEVADA-PHF-050	50	59	4,5	8	24	0,9	325	1,00	50
ME-NEVADA-PHF-060	60	71	5,5	7	21	0,9	380	1,45	50
ME-NEVADA-PHF-063	63	75	6	7	21	0,9	400	1,67	50
ME-NEVADA-PHF-070	70	82	6	6	18	0,9	450	1,80	50
ME-NEVADA-PHF-075	75	87	6	6	18	0,9	490	1,90	50
ME-NEVADA-PHF-080	80	93	6,5	5	15	0,9	530	2,20	50
ME-NEVADA-PHF-090	90	104	7	5	15	0,9	600	2,48	30
ME-NEVADA-PHF-100	100	115	7,5	4	12	0,9	700	3,30	30
ME-NEVADA-PHF-102	102	117	7,5	4	12	0,9	700	3,30	30
ME-NEVADA-PHF-110	110	126	8	4	12	0,9	800	3,45	30
ME-NEVADA-PHF-120	120	136	8	4	12	0,9	900	3,60	30
ME-NEVADA-PHF-125	125	142	8,5	4	12	0,9	980	4,20	30
ME-NEVADA-PHF-150	150	170	10	3	9	0,9	1350	6,30	30

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%

NEVADA PHF hose DN 38 with DIN hygienic end (NH-DZR-038) in AISI 316 stainless steel, fitted with AISI 304 stainless steel collet. End seal in NBR rubber (NH-DUN-040) approved for food contact.

