

PVC food hoses



VACUPRESS CRISTAL

PVC food hose reinforced with steel wire coil and polyester braid

- Layer inside. :** transparent PVC
- Reinforcement:** steel spiral, polyester braid
- Outer layer. :** transparent PVC
- Operating temp.:** -5°C to +65°C.
(temperature-dependent operating pressure)

Robust, flexible, suction and delivery hose designed for the pressure transfer of water, beer, wine, spirits up to 20%, juices, beverages, other liquid food substances, light chemicals. Not recommended for milk and milk products, oils and fatty foods.

Reinforcement with a spiral of galvanised steel wire embedded in a PVC inner layer provides good resistance to vacuum and hose kinking. The smooth inner layer reduces flow losses and ensures easy cleaning. Thanks to the braided reinforcement, the hose has high pressure resistance and low deformation under pressure.

Standards and requirements:

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

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure 20°C [bar].	Burst pressure 20°C [bar].	20°C vacuum [bar].	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-VACUPRCR-019	19	28	4,5	20	60	0,9	80	0,45	60
ME-VACUPRCR-025	25	35,5	5,25	20	60	0,9	90	0,67	60
ME-VACUPRCR-030	30	40,5	5,25	16	48	0,9	105	0,77	60
ME-VACUPRCR-032	32	42,5	5,25	16	48	0,9	110	0,80	60
ME-VACUPRCR-035	35	48	6,5	14	42	0,9	125	1,10	60
ME-VACUPRCR-038	38	51	6,5	14	42	0,9	135	1,15	30
ME-VACUPRCR-040	40	53	6,5	14	42	0,9	140	1,20	30
ME-VACUPRCR-045	45	58	6,5	14	42	0,9	155	1,40	30
ME-VACUPRCR-050	50	63,5	6,75	14	42	0,9	170	1,60	30
ME-VACUPRCR-060	60	74	7	12	36	0,9	200	1,98	30
ME-VACUPRCR-063	63	77	7	12	36	0,9	210	2,05	30
ME-VACUPRCR-076	76	92	8	12	36	0,9	250	2,80	30
ME-VACUPRCR-080	80	96	8	10	30	0,9	300	2,85	30
ME-VACUPRCR-090	90	106,5	8,25	10	30	0,9	350	3,30	30
ME-VACUPRCR-102	102	119	8,5	10	30	0,9	400	3,90	30

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%

VACUPRESS CRYSTAL hose with non-standard diameter DN45 with **brass** male threaded end (GD-VSLB- 050-045-MS) fitted with a stainless steel shell clamp. The use of brass for water or food substances may not be appropriate. Brass is an alloy of copper and zinc, but depending on the grade of alloy it may contain other metals. Brass is widely used in water fittings (fittings, valves), but it should be an alloy free of lead, nickel and other additives and impurities and resistant to dezincification. It should also have the appropriate approvals. Good, proven quality brass can be used for water. The use of brass in contact with foodstuffs, particularly those with an acidic reaction (pH<6) is not recommended.

