

PVC food hoses



PVC STAR CR 2

Braided reinforced PVC hose for general applications and foodstuffs

Hose material: Transparent PVC
Reinforcement: Polyester braid
Operating temp: -15°C to +60°C
 (temperature-dependent operating pressure)

Lightweight, flexible general purpose pressure hose. Used for air, water, light chemicals and liquid and semi-liquid foodstuffs such as water, beer, wine, alcohols up to 50% concentration, juices, beverages. Not recommended for food substances containing fats and oils. Suitable for milk and milk products. Compliant with European requirements 1935/2004 CE and EU 10/2011 (simulants A, B, C and D1). Phthalate-free.

The hose is an improved version of the previously offered PVC STAR CR hose with increased resistance to alcohol and dairy products (simulant D1) and better technical performance.

Standards and requirements:

Food industry, food contact: compliant with European requirements 1935/2004/EC and 10/2011/EU (simulation fluids A, B, C and D1).

Signage:

SO-PVCSTAR-CR2-06X12 (EU)N°10/2011 Sim.A,B,C,D1 www.tubes-international.com Made in France [Lot No.].

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Working pressure 20°C [bar].	Burst pressure 20°C [bar].	bend radius [mm]	mass [kg/m]	Roll length [m]
SO-PVCSTAR-CR2-06X12	6	12	3	22	66	36	0,10	50
SO-PVCSTAR-CR2-08X14	8	14	3	20	60	54	0,13	50
SO-PVCSTAR-CR2-10X16	10	16	3	20	60	37	0,15	50
SO-PVCSTAR-CR2-12X18	12,5	18	2,75	20	60	67,5	0,16	50
SO-PVCSTAR-CR2-16X23	16	23	3,5	20	60	70	0,26	50
SO-PVCSTAR-CR2-19X26	19	26	3,5	20	60	95	0,30	50
SO-PVCSTAR-CR2-25X33	25	33	4	16	48	155	0,44	25
SO-PVCSTAR-CR2-32X42	32	42	5	12	36	160	0,70	25
SO-PVCSTAR-CR2-38X48	38	48	5	12	36	210	0,81	25
SO-PVCSTAR-CR2-50X60	50	60	5	8	24	500	1,06	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%



The hose PVC STAR CR2 can be assembled with end fittings using all types of ties, clamps and collets.

In many cases, standard stainless steel high-pressure hydraulic hose ends are used for hoses in the food, pharmaceutical and cosmetic industries. This allows easy selection of the type and size of end from a wide range of hydraulic end fittings. These tips should be fitted with special collets for industrial hoses. Tip material - AISI 316 stainless steel, collet material - AISI 304 stainless steel.