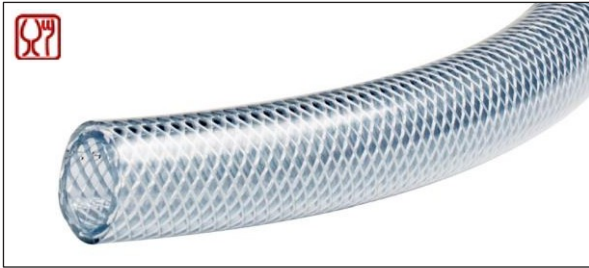


**PVC food hoses**



**TRICOCLAIR<sup>®</sup> AL**

**Braided PVC hose for foodstuffs**

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

A lightweight, highly flexible pressure delivery hose designed for the transfer of water, juices, beverages and other food products at temperatures up to 40°C. The absence of phthalates in the hose material recommends it for the transfer of milk and milk products and alcohols with a concentration of up to 50% and a temperature of up to 40°C. Not recommended for oils and oily food substances. Also widely used in industry and laboratories for compressed air, gases, light chemicals. The spiral braid reinforcement ensures high pressure strength and low deformation of the hose under pressure even with pressure pulsations (within the operating pressure range).

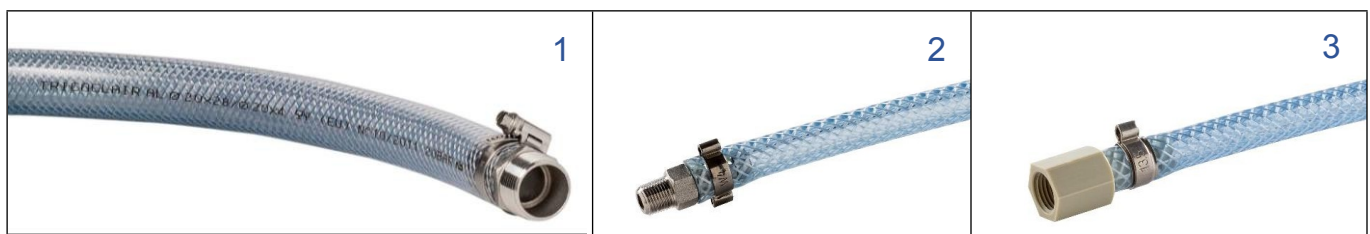
**Standards and requirements:**

Food industry, food contact: compliant with European requirements 1935/2004/EC and 10/2011/EU (simulants A, B, C and D1), 2023/2006/EC (GMP).

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]
TR-TRICOCLAIR-04	4	8	2	27	81	11	0,05	50
TR-TRICOCLAIR-06	6	12	3	22	66	18	0,10	25
TR-TRICOCLAIR-07	7	13	3	21	63	23	0,12	25
TR-TRICOCLAIR-08	8	14	3	20	60	27	0,13	25
TR-TRICOCLAIR-09	9	15	3	20	60	33	0,14	25
TR-TRICOCLAIR-10	10	16	3	20	60	37	0,15	25
TR-TRICOCLAIR-12	12	19	3,5	20	60	45	0,21	25
TR-TRICOCLAIR-13	13	20	3,5	20	60	50,5	0,23	25
TR-TRICOCLAIR-15	15	23	4	20	60	60	0,29	25
TR-TRICOCLAIR-19	19	27	4	20	60	78,5	0,35	25
TR-TRICOCLAIR-20	20	28	4	20	60	85	0,36	25
TR-TRICOCLAIR-25	25	34	4,5	16	48	109,5	0,51	25
TR-TRICOCLAIR-30	30	41	5,5	13	40	138,5	0,74	25
TR-TRICOCLAIR-32	32	42	5	12	36	160	0,71	25
TR-TRICOCLAIR-38	38	48	5	12	36	210	0,81	25
TR-TRICOCLAIR-40	40	52	6	10	32	230	1,08	25
TR-TRICOCLAIR-50	50	64	7	9	28	300	1,48	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%



From left, TRICOCLAIR hoses<sup>®</sup> AL:

- 1) Hose DN20 with 3/4" BSPT male threaded end in AISI 316 stainless steel (NM-VT123-12) fitted with a stainless steel worm band.
- 2) Hose DN6 with 1/8" BSPT male threaded end in AISI 316 stainless steel (NM-VT123-02) fitted with a stainless steel EAR CLIP ring.
- 3) Hose DN6 with 1/4" BSP female threaded end in polypropylene (EM-PWB3T-04-06-PP) fitted with a stainless steel EAR CLIP ring.