

PVC universal hoses



RAGNO CR

Braided reinforced PVC hose for food and multipurpose applications

Inner layer: transparent PVC

Reinforcement: Polyester braid

Outer layer: transparent PVC

Operating temperature: -5°C to +60°C

(working pressure dependent on temperature)

Flexible PVC pressure hose for general purpose and food products. Used for compressed air, water, water-based refrigerants, light chemicals and liquid and semi-liquid food products. Smooth inner wall reduces flow loss and ensures easy cleaning.

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 +40°C and 0.5 h). Not recommended for milk and milk products and food substances containing fats and oils.



RAGNO CR 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) and US FDA 21. It is suitable for temporary food contact for the transfer 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]	wall thickness [mm]	working pressure 20°C [bar]	working pressure 40°C [bar]	working pressure 60°C [bar]	Bursting pressure 20°C [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-RAGNO-CR-04X10	4	10	3	20	16	12	60	12	0,080	100
ME-RAGNO-CR-05X11	5	11	3	20	16	12	60	15	0,090	100
ME-RAGNO-CR-06X11	6	11	2,5	20	16	12	60	19	0,080	100
ME-RAGNO-CR-08X13	8	13	2,5	18	13	9	54	28	0,105	100
ME-RAGNO-CR-10X15	10	15	2,5	18	13	9	54	36	0,120	100
ME-RAGNO-CR-12X18	12	18	3	12	9	6	36	35	0,180	50
ME-RAGNO-CR-13X19	13	19	3	12	9	6	36	52	0,175	50
ME-RAGNO-CR-16X22	16	22	3	10	7	4	30	60	0,210	50
ME-RAGNO-CR-19X25	19	25	3	10	7	4	30	70	0,260	50
ME-RAGNO-CR-25X32	25	32	3,5	8	5	3	24	150	0,390	50
ME-RAGNO-CR-32X42	32	42	5	8	4	2	24	200	0,700	50
ME-RAGNO-CR-38X48	38	48	5	8	4	2	24	300	0,850	50
ME-RAGNO-CR-50X62	50	62	6	8	4	2	24	450	1,350	25

Note: indexes highlighted in colour - most commonly used

You will find a wide variety of food hoses in the section "Hoses for food substances". !



RAGNO CR DN12 hose assembled with a plastic (polyamide) end with 1/2" BSPT male thread (NA-7100013012) using an EAR CLIP ring. Incidentally, the name RAGNO means spider in Italian - which may refer to the intricate web of braid providing this hose with pressure resistance.