

CLEANING AND WASHING - low pressure

Low pressure hoses for cleaning and washing

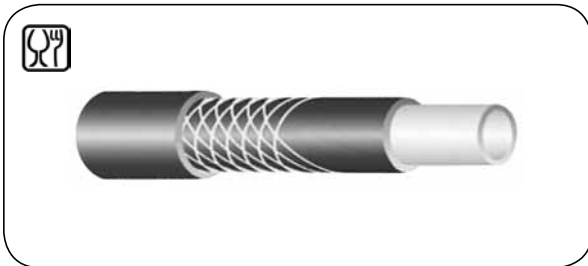


FORTRESS 300®

Internal layer: Black NBR rubber compound
Reinforcement: Synthetic cord
External layer: Blue Carbryn® rubber protected by Microban® cover
Working temp.: From -30°C up to +93°C

High-quality, flexible, non-staining, kink and torsion resistant hose. Widely used for washdown applications in food processing plants, dairies, packing houses, bottling plants, breweries, canneries due to Microban® antimicrobial external protection layer that inhibits the growth of bacteria, mold, and fungi. In compliance with ISO 1307.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
GY-FORT300-13	12.9	22.8	20	80	0.43	152.5
GY-FORT300-16	15.9	27	20	80	0.54	152.5
GY-FORT300-19	19.1	30.2	20	80	0.61	152.5



THERMOCLEAN® AL 20

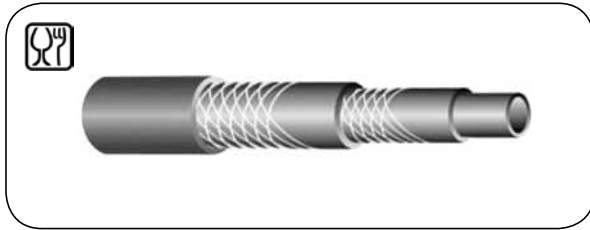
Internal layer: White, smooth PVC
Reinforcement: Synthetic cord
External layer: Blue, smooth PVC
Working temp.: From -15°C up to +70°C

Flexible hose used for washing applications (cold and hot water) and slightly aggressive chemicals. Recommended for food industry. In compliance with European Directive 1935/2004 CE and 2007/19/CE (stimulant A, B and C). Fittings and ferrules should be assembled after the hose is heated for 30 seconds in hot water (+60°C). To be used with hydraulic fittings (TI-Z...) crimped with ferrules or fittings assembled on the hose with the use of safety clamps (that are to be tightened during first use in elevated temperature).

code	I.D. [mm]	O.D. [mm]	working pressure 20°C/70°C [bar]	bursting pressure 20°C/70°C [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
TR-THERMOAL20-12	12	20	33/20	100/60	54	0.26	25
TR-THERMOAL20-16	16	24	33/20	100/60	72	0.32	25
TR-THERMOAL20-19	19	28	33/20	100/60	85.5	0.43	25

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THERMOCLEAN® 40

Internal layer: Grey, smooth PVC
Reinforcement: Double polyester cord
External layer: Blue, smooth PVC
Working temp.: From -10°C up to +70°C
 (with peaks up to + 80°C)

Flexible hose used for washing applications (cold and hot water) and slightly aggressive chemicals. Recommended for food industry. In compliance with European Directive 1935/2004 CE and 2007/19/CE (stimulant A, B and C). To be used with crimped THERMOCLEAN fittings.

code	I.D. [mm]	O.D. [mm]	working pressure 20°C/70°C [bar]	bursting pressure 20°C/70°C [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
TR-THERMO40-12	12	22	80/40	240/120	42	0.33	50



THERMOCLEAN 100

Internal layer: White, smooth PVC
Reinforcement: Polyester cord
External layer: Blue, smooth PVC
Working temp.: From -15°C up to +100°C
 (with peaks up to +120°C)

Flexible hose used for washing applications (cold and hot water) and slightly aggressive chemicals. Recommended for food industry. In compliance with European Directive 1935/2004 CE and 2007/19/CE (stimulant A, B and C). To be used with crimped THERMOCLEAN fittings.

code	I.D. [mm]	O.D. [mm]	working pressure 20°C/100°C [bar]	bursting pressure 20°C/100°C [bar]	bending radius [mm]	weight [kg/m]	standard length [m]
TR-THERMO100-013	13	22	30/15	90/45	40	0.31	40
TR-THERMO100-016	16	25	30/15	90/45	47.5	0.36	40
TR-THERMO100-019	19	28	30/15	90/45	57.5	0.41	40
TR-THERMO100-025	25	34	26/13	78/39	75	0.52	40



Fittings for THERMOCLEAN hoses

For THERMOCLEAN hoses we can use hydraulic fittings (TI-Z...) along with industrial ferrules (TI-L...) or special fittings (hygienic finish) with integrated ferrule made of AISI 304. Fittings with different threads, material or for different diameters are also available.

code	BSP thread size [inch]	hose I.D. [mm]
TR-THERMO-12-BZ140-08SS	1/2	12 ÷ 13