

MANIFATTURA TUBI GOMMA S.p.A.

Grisignano di Zocco, 36040 (VI) ITALY
 T. +39 0444.614755 | info@mtgspa.com
 www.mtgspa.com



APPLICATION

- Rubber hose for delivery of potable water specifically designed to meet the highest quality requirements.
- Robust, kinkresistant and flexible hose structure, which bounces back in case of accidental crushing.

CONSTRUCTION

TUBE

- Technopolymer, neutral, mirror-like, smooth. No microbiological contamination.
- Fully odourless and tasteless.
- Compliance: FDA, EU 10/2011 standards, V alidation by the institute "Technische Universität München WEIHENSTEPHAN" and approved in according with WRAS -BS 6920 Part 1:2014.

REINFORCEMENT

- High strength textile plies.

COVER

- Rubber compound resistant to abrasion, ageing, ozone and weather, blue, smooth, cloth finish.

MAIN BENEFITS

- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Non-plasticized hose.

TEMPERATURE RANGE

- From -30°C up to +60°C.
- Disinfection procedures: sterilisation with steam up to +130°C for maximum 30 minutes or standard chlorine-based detergents (also concentrated). Hot water cleaning is allowed up to a max. temperature of +95°C for maximum 30 minutes.

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

PuraWater/ADT APPROVED FOR DRINKING WATER

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: Inner diameter: ISO 1307 - Wall thickness: DIN 7715 T4 S2 - Length: ISO 1307

INTERNAL DIAMETER [mm]	WALL THICKNESS [mm]	BENDING RADIUS [mm]	WORKING PRESSURE [bar]	VACUUM [bar]	THEORETICAL WEIGHT [kg/m]	LENGTH MAX. [m]
10	3.5	50	25	-	0.15	40
13	3.5	70	20	-	0.20	40
13	5.0	70	20	-	0.22	40
16	3.5	90	16	-	0.24	40
19	4.0	120	16	-	0.33	40
19	6.0	120	16	-	0.36	40
25	4.5	150	16	-	0.46	40
25	6.0	150	16	-	0.55	40
32	6.0	190	14	-	0.82	40
38	6.5	240	12	-	1.10	40
45	7.0	270	10	-	1.30	40
50	7.0	300	10	-	1.40	40
65	8.0	450	10	-	2.00	40
75	8.0	600	10	-	2.30	40
100	8.0	800	10	-	3.20	40

Chemical resistance acc. to MTG Chemical Resistance Chart. Other sizes are available upon request. Above technical data are based on application at room temperature (+20°C). MTG reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason. The selection of fittings for our hoses should be made in accordance with the recommendations provided in ISO 8331: "Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."