



MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Flexible hose for conveying drinking water, specifically designed to meet the highest quality requirements of the standards UBA-Leitlinie and DVGW Arbeitsblatt W270.

CONSTRUCTION

TUBE

- Technopolymer, translucent, mirror-smooth.
- No risk of bacterial growth and contamination in case the drinking water warms up.
- Odourless and tasteless.
- Compliance: UBA-Leitlinie, DVGW-W270 and Regulation EU 10/2011.
- Validation according to UBA-Leitlinie for cold and warm water.

REINFORCEMENT

- High strength textile plies.

COVER

- Technopolymer, resistant to abrasion, ageing, ozone and weather.
- Blue colour, smooth (cloth finish).

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- **UBA-Leitlinie validation for cold (+23°C) and warm water (+60°C).**
- The validation for warm water ensures the original properties of the water, purity, contamination-free handling and organoleptic properties (smell and taste) to be preserved even in case of high temperatures up to +60°C.
- 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 according to EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -30°C to +90°C, depending on the products conveyed.

DISINFECTION

- Sterilization up to +120°C for max. 30 minutes (open circuit).
- Hose suitable for CIP cleaning.

NOTE

- We suggest to clean the hoses carefully before each single application and before storing them.

MARKING



TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: DIN 7715 T4 S2 - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Vacuum BAR	Min. bending radius mm	Approx. weight Kg/m	Max. length m
13	20	3.5	20	60	-	70	0.19	40
16	23	3.5	16	48	-	90	0.23	40
19	27	4.0	16	48	-	120	0.31	40
25	34	4.5	14	42	-	150	0.44	40
32	44	6.0	12	36	-	190	0.78	40
38	51	6.5	10	30	-	240	1.05	40
45	59	7.0	10	30	-	270	1.23	40
50	64	7.0	10	30	-	300	1.33	40
65	81	8.0	10	30	-	390	1.48	40

For other sizes and colours available, please contact our Sales Office.
Above technical data refer to application at room temperature (+20°C).

