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## APPLICATION

- Flexible hose for conveying drinking water, specifically designed to meet the highest quality requirements.

## CONSTRUCTION

### TUBE

- Technopolymer (TPE), translucent, mirror-smooth.
- No risk of bacterial growth and contamination in case the drinking water warms up.
- Odourless and tasteless.
- Compliance: UBA KTW-BWGL, DIN EN 16421 and Regulation EU 10/2011.

### REINFORCEMENT

- High strength textile plies.

### COVER

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

## SAFETY FACTOR

- $\geq 3$  times working pressure.

## NOTE

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

## MAIN BENEFITS

- Validation according to DIN EN 16421 - KTW-BWGL and KTW evaluation criteria, Annex A "Plastics" and Annex E "Thermoplastic Elastomers" in cold water at +23°C and hot water at +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.

## 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

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

