



MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Rubber hose for the delivery of drinking water, alcoholic beverages up to a concentration of 98%, fruit juices and soft drinks.

CONSTRUCTION

TUBE

- Technopolymer, neutral, mirror-like, smooth. No microbiological contamination.
- Fully odourless and tasteless.
- Food compliance in accordance with FDA Standards and Reg. EU 10/2011.

REINFORCEMENT

- High strength textile plies.

COVER

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

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- Hose approved by the Institute "Technische Universität München WEIHENSTEPHAN" to respect the organoleptic characteristics of beer, hose certified according to **WRAS-BS 6920 Part 1:2014** for delivery of drinking water.
- The hose complies with the Regulations 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 the current European Regulation EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -30°C up to +90°C.

DISINFECTION

- 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.

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).



APPLICATION

- Rubber hose, specifically designed for heavy-duty applications where a high abrasion resistance of the inner tube is required.
- It is normally used for conveying food powders and grains such as coffee beans, cereals, sugar, flour.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- Polyurethane (code PU), non-toxic, light colour, mirror-smooth.
- Complying with FDA Standards and Regulation EU n. 10/2011.

REINFORCEMENT

- Plies of synthetic cord and embedded steel helix wires.
- Built-in copper wires.

COVER

- Synthetic rubber, black colour, antistatic ($R < 10^6 \Omega$), wide corrugation, resistant to abrasion, cloth finish.

FITTING

- If required, it may be supplied in service lengths with protruding copper wires.

MAIN BENEFITS

- The excellent resistance to abrasion of the polyurethane liner - food quality, odourless and tasteless - makes this hose perfect for conveying highly abrasive food powders and grains.
- The special cover with a wide corrugation improves flexibility and makes the hose easy to handle, even by hand.
- 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).

TEMPERATURE RANGE

- From -35°C to $+100^{\circ}\text{C}$.
- Sterilization up to $+130^{\circ}\text{C}$ for max. 30 minutes.

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

 **GRANOFOOD**


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
51	65	7.0	4	12	-0.9	250	1.75	40
63.5	79.5	8.0	4	12	-0.9	350	2.45	40
75	91	8.0	4	12	-0.9	450	2.90	40
80	96	8.0	4	12	-0.9	480	3.00	40
100	118	9.0	4	12	-0.9	600	4.20	40
102	120	9.0	4	12	-0.9	600	4.30	40

The a.m. data are referring to application at room temperature ($+20^{\circ}\text{C}$).
Other diameters and colours are available on request: please contact our Sales Office.



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APPLICATION

- Perfect solution for conveying fatty and fat-free powdery foodstuff such as sugar, wheat, milk powder, flour etc., as well as fluids like alcohol, cosmetic products and other flammable products for the food and chemical industry.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NBR rubber (code NBR P 190), light colour, food quality, odourless and tasteless, mirror-smooth, antistatic ($R < 10^9 \Omega/m$).
- Compliance: FDA Standards.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic rubber, blue colour, resistant to abrasion, weather and ageing, smooth, cloth finish, antistatic ($R < 10^9 \Omega/m$).

NOTE

- Version with black conductive cover $R < 10^6 \Omega/m$.
- Softwall version, our model Air-Food Antistatic D15.

MAIN BENEFITS

- It may be used in ATEX zones 0.1.2 and 20.21.22.
- Especially suitable for applications with a small bending radius, with the advantage of providing a handy and highly flexible structure.
- The tube is resistant to chemical cleaning products and to the most common disinfection processes used in the food industry.
- 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 inner tube.

CERTIFICATIONS

- Hose approved by the Institute Ineris for use in ATEX areas, attestation nr. INERIS-DRA-20-200870-02408A.

TEMPERATURE RANGE

- From -20°C to $+90^{\circ}\text{C}$.
- Sterilization up to $+130^{\circ}\text{C}$ for max. 30 minutes.

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

MTG AIR-FOOD ANTISTATIC

HOSE TESTED FOR USE IN ATEX ZONES
ATTESTAZIONE INERIS DRA-20-200870-02408A



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
19	30	5.5	10	30	-0.9	50	0.60	40
25	36	5.5	10	30	-0.9	75	0.74	40
32	43	5.5	10	30	-0.9	80	0.90	40
38	50	6.0	10	30	-0.9	110	1.20	40
40	52	6.0	10	30	-0.9	120	1.25	40
45	57	6.0	10	30	-0.9	130	1.50	40
50	62	6.0	10	30	-0.9	150	1.55	40
65	78	6.5	10	30	-0.9	190	2.20	40
75	89	7.0	10	30	-0.9	220	2.55	40
100	115	7.5	10	30	-0.9	500	4.25	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature ($+20^{\circ}\text{C}$).



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APPLICATION

- Food quality rubber hose, specifically designed for cleaning operations with saturated steam (up to +164°C) and hot water washdown services.
- Normally used in dairy industries, creameries and food processing facilities for safe operations during cleaning processes with hot water and steam.
- Suitable for transfer of saturated steam only for discontinuous use.
- Delivery hose.

CONSTRUCTION

TUBE

- EPDM rubber (Code 140 BI), light colour, mirror-smooth.
- Complying with FDA standards, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.

COVER

- EPDM rubber, blue colour, smooth, abrasion and weather resistant, cloth finish. Resistant to traces of animal and vegetable fats. Pin pricked cover.

SAFETY FACTOR

- Working pressure at +95°C: 20 bar; Safety factor ≥ 3 .
- Working pressure at +164°C: 6 bar; Safety factor ≥ 10 .

MAIN BENEFITS

- The inner liner, specifically designed for conveying hot water and steam (up to +164°C), allows safe cleaning and disinfection processes.
- The cover provides good heat resistance and withstands short contact with animal and vegetable fats.
- 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).

TEMPERATURE RANGE

- From -40°C to +164°C depending on the product conveyed and on use.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

NOTE

- Version complying with BfR standards available upon request (reference: Vapore/6-BBL).

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 at +164°C BAR	Working pressure at +95°C BAR	Vacuum BAR	Min. bending radius mm	Approx. weight kg/m	Max. length m
10	20	5	6	20	-	75	0.27	40
13	23	5	6	20	-	100	0.32	40
16	28	6	6	20	-	120	0.48	40
19	31	6	6	20	-	160	0.54	40
25	39	7	6	20	-	200	0.82	40
32	46	7	6	20	-	260	1.04	40
38	54	8	6	20	-	300	1.40	40
50	67	8.5	6	20	-	380	1.76	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-M00022

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APPLICATION

- Rubber hose suitable for conveying fatty and fat-free foodstuff.
- Perfect solution for use in dairy equipments and unloading platforms requiring flexibility and resistance to light and medium-duty applications.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NBR rubber (code NAB90), light colour, food quality, odourless and tasteless, mirror-smooth.
- Compliance: 3-A Sanitary Standards n.18-03-Class II, FDA Standards, Recommendations (XXI Cat. 2), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic rubber, blue colour, resistant to abrasion, weather and ageing, smooth, cloth finish.

NOTE

- Softwall version type MASTERMILK/D (W.P. 15 bar) available upon request.
- Version with smooth cover (no cloth finish) type MASTERMILK/SD-CL available on request.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

MAIN BENEFITS

- Especially suitable for applications with a small bending radius, with the advantage of providing a handy and highly flexible structure.
- The tube is resistant to chemical cleaning products and to the most common disinfection processes used in the food industry.
- The cover provides a good resistance to ageing and short contact with animal and vegetable fats.
- 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 -20°C to +90°C depending on the product conveyed and on use.

STERILIZATION

- Please refer to MTG Cleaning and Sterilization guidelines.

SAFETY FACTOR

- ≥ 3 times working pressure.

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
19	30	5.5	10	30	-0.9	50	0.60	40
25	36	5.5	10	30	-0.9	75	0.74	40
32	43	5.5	10	30	-0.9	80	0.90	40
38	50	6.0	10	30	-0.9	110	1.20	40
40	52	6.0	10	30	-0.9	120	1.25	40
45	57	6.0	10	30	-0.9	130	1.50	40
50	62	6.0	10	30	-0.9	150	1.55	40
65	78	6.5	10	30	-0.9	190	2.20	40
75	89	7.0	10	30	-0.9	220	2.55	40
100	115	7.5	10	30	-0.9	500	4.25	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).


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APPLICATION

- Rubber hose specifically designed to convey milk, milk products and fatty liquid foodstuffs.
- Normally used in dairies, edible oil mills and food processing industries.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NBR rubber (code NAB90), light colour, food quality, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3A, BfR recommendations, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wires.

COVER

- CR rubber, blue colour, wide corrugation, resistant to abrasion, ozone, weather and contact with animal and vegetable fats, cloth finish.

MAIN BENEFITS

- The special wide-corrugated cover makes this hose flexible and easy to handle, especially by hand, thus ensuring a tight bending radius when needed.
- The structure, totally free from plasticizers and animal derived ingredients, reduces the risk of bacterial growth and contamination of the product conveyed.
- 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).

TEMPERATURE RANGE

- From -20°C to +90°C.
- Sterilization up to +130°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

 **IMPERIA**        

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
38	51	6.5	10	30	-0.8	120	1.35	40
51	65	7.0	10	30	-0.8	150	1.85	40
63.5	78.5	7.5	10	30	-0.8	220	2.35	40
76	91	7.5	10	30	-0.8	260	2.75	40
76	92	8.0	10	30	-0.8	260	3.20	40
102	118	8.0	10	30	-0.8	350	4.00	40
102	120	9.0	10	30	-0.8	350	4.50	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



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APPLICATION

- Rubber hose specifically designed to convey milk and milk products, milk whey and fatty foodstuffs in general.
- Normally used in dairies, edible oil mills and food processing industries.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NBR rubber (code NAB90), light colour, food quality, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3-A Sanitary Standards n.18-03-Class II, BfR Recommendations (XXI Cat. 2), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- CR rubber, blue colour, abrasion and weather resistant, smooth, cloth finish.
- Good resistance to ageing and short contact with animal and vegetable fats.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

MAIN BENEFITS

- The high-strength structure makes it perfect for unloading operations of milk and milk products, as well as for heavy-duty applications.
- 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 -20°C to +90°C depending on the product conveyed and on use.

STERILIZATION

- Please refer to MTG Cleaning and Sterilization guidelines.

SAFETY FACTOR

- ≥ 3 times working pressure.

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
19	31	6.0	10	30	-0.9	80	0.69	40
25	37	6.0	10	30	-0.9	120	0.85	40
32	44	6.0	10	30	-0.9	150	1.04	40
38	52	7.0	10	30	-0.9	200	1.56	40
40	54	7.0	10	30	-0.9	200	1.62	40
45	59	7.0	10	30	-0.9	225	1.78	40
50	64	7.0	10	30	-0.9	250	1.95	40
52	66	7.0	10	30	-0.9	280	2.10	40
60	76	8.0	10	30	-0.9	330	2.72	40
65	81	8.0	10	30	-0.9	360	2.93	40
70	86	8.0	10	30	-0.9	420	3.14	40
75	93	9.0	10	30	-0.9	450	3.82	40
80	98	9.0	10	30	-0.9	480	3.95	40
100	118	9.0	10	30	-0.9	600	5.20	40

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature (+20°C).



Cod. IT-I00003

UPDATED: 05/20
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APPLICATION

- Rubber hose specifically designed to convey milk and milk products, milk whey and fatty foodstuffs in general.
- Normally used in dairies, edible oil mills and food processing industries.
- Delivery hose. Suitable for light suction.

CONSTRUCTION

TUBE

- NBR rubber (code NAB 90), light colour, food quality, odourless and tasteless, mirror-smooth.
- Compliance. FDA Standards, 3-A Sanitary Standards n.18-03-Class II, BfR Recommendations (XXI Cat. 2), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.

COVER

- CR rubber, blue colour, abrasion and weather resistant, smooth, cloth finish.
- Good resistance to ageing and short contact with animal and vegetable fats.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

MAIN BENEFITS

- The high-strength structure makes it perfect for unloading operations of milk and milk products, as well as for heavy-duty applications.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle does not employ animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Non-plasticized hose.

TEMPERATURE RANGE

- From -20°C to +90°C depending on the product conveyed and on use.

STERILIZATION

- Please refer to MTG Cleaning and Sterilization guidelines.

SAFETY FACTOR

- ≥ 3 times working pressure.

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	23	5	10	30	-0.60	80	0.35	40
19	29	5	10	30	-0.60	120	0.47	40
25	37	6	10	30	-0.60	150	0.77	40
32	48	8	10	30	-0.60	200	1.42	40
35	53	9	10	30	-0.60	210	1.77	40
38	56	9	10	30	-0.60	230	1.93	40
40	60	10	10	30	-0.60	240	2.40	40
45	65	10	10	30	-0.60	270	2.69	40
50	70	10	10	30	-0.50	300	2.79	40
52	74	11	10	30	-0.50	310	3.19	40
60	84	12	10	30	-0.50	420	3.89	40
65	89	12	10	30	-0.50	460	4.16	40
70	98	14	10	30	-0.40	500	5.35	40
75	105	15	10	30	-0.40	530	5.95	40
80	110	15	10	30	-0.40	560	6.18	40
100	132	16	10	30	-0.40	700	8.16	40

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature (+20°C).



Cod. IT-I00002

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APPLICATION

- Rubber hose of latest generation for tank trucks, designed to meet the operators' requirements of utmost flexibility and food safety.
- Suitable for conveying milk and other liquid foodstuffs (wine, fruit juice).
- The improved lightweight structure facilitates repeated operations by hand especially in loading/unloading areas.
- The special crush-proof structure allows the hose to recover its shape.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NR/NBR rubber (code 198SL), white colour, odourless, tasteless, mirror-smooth.
- It complies with FDA Standards, BfR Recommendations (XXI Cat. 2), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded synthetic helix wire.

COVER

- Synthetic polymer, blue colour, resistant to abrasion and weather, smooth, cloth finish.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

MAIN BENEFITS

- The strict production process does not allow the use of products potentially harmful to health (risk classification R45, R46 or R49).
- High flexibility, even at low temperatures.
- Good resistance to chemical cleaning products: it withstands commercial cleaning and disinfection processes, both inside and outside.
- 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.

SAFETY FACTOR

- ≥ 3 times working pressure.

TEMPERATURE RANGE

- From -30°C to +85°C depending on the product conveyed and on use.

STERILIZATION

- Please refer to MTG Cleaning and Sterilization guidelines.
- For washing operations you should use non-oxidizing products.

MARKING

MTG EVOLUTION CRUSH-PROOF     

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: $\pm 1.5\text{mm}$ - 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
38	51	6.5	6	18	-0.7	120	1.10	40
51	64	6.5	6	18	-0.7	150	1.39	40
53	66	6.5	6	18	-0.7	160	1.41	40
55	68	6.5	6	18	-0.7	165	1.46	40
60	74	7.0	6	18	-0.7	180	1.75	40
63.5	77.5	7.0	6	18	-0.7	190	1.85	40
70	85	7.5	6	18	-0.7	210	2.10	40
76	91	7.5	6	18	-0.7	230	2.25	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



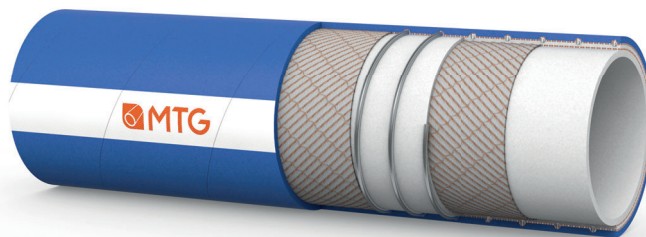
Cod. IT-M00108

UPDATED: 05/20
Rev: 001



MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Rubber hose for tank trucks, designed to meet the operators' requirements of utmost flexibility and food safety.
- Suitable for conveying milk and other liquid foodstuffs (wine, fruit juice).
- The improved lightweight structure facilitates repeated operations by hand especially in loading/unloading areas.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NR/NBR rubber (code 198SL), white colour, odourless, tasteless, mirror-smooth.
- It complies with FDA Standards, BfR Recommendations (XXI cat. 2), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic polymer, blue colour, resistant to abrasion and weather, smooth, cloth finish.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

MAIN BENEFITS

- The strict production process does not allow the use of products potentially harmful to health (risk classification R45, R46 or R49).
- High flexibility, even at low temperature.
- Good resistance to chemical cleaning products: it withstands commercial cleaning and disinfection processes, both inside and outside.
- 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.

SAFETY FACTOR

- ≥ 3 times working pressure.

TEMPERATURE RANGE

- From -30°C to +85°C depending on the fluids conveyed.

STERILIZATION

- Please refer to MTG Cleaning and Sterilization guidelines.
- For washing operations you should use non-oxidizing products.

MARKING

MTG EVOLUTION MILK COLLECTION       

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
25	36	5.5	6	18	-0.9	75	0.75	40
32	43	5.5	6	18	-0.9	100	0.95	40
38	49	5.5	6	18	-0.9	115	1.13	40
40	51	5.5	6	18	-0.9	120	1.18	40
45	56	5.5	6	18	-0.9	135	1.31	40
50	61	5.5	6	18	-0.9	150	1.44	40
52	64	6.0	6	18	-0.9	160	1.60	40
53	65	6.0	6	18	-0.9	160	1.63	40
60	72	6.0	6	18	-0.9	180	1.85	40
63.5	75.5	6.0	6	18	-0.9	190	1.94	40
70	83	6.5	6	18	-0.9	210	2.30	40
76	90	7.0	6	18	-0.9	230	2.59	40
80	94	7.0	6	18	-0.9	240	2.70	40
100	116	8.0	6	18	-0.9	300	4.00	40

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature (+20°C).



Cod. IT-M00071

UPDATED: 05/20
Rev: 001



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APPLICATION

- Food hose of latest generation, specifically designed to meet the demanding requirements of the beer processing industry. Delivery hose.
- Suitable for conveying raw, pasteurized and organic beer, high quality alcoholic beverages and soft drinks such as top quality wine, spirits and pure alcohol up to 98%.
- Also suitable for fatty liquid foodstuffs.

CONSTRUCTION

TUBE

- Modified polyethylene, light colour, odourless and tasteless, mirror-smooth.
- Complying with FDA Standards, Regulation EU 10/2011, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.

COVER

- Synthetic rubber, blue colour, smooth, cloth finish.
- Resistant to abrasion, weather and short contact with edible oils and fatty foodstuffs.

MAIN BENEFITS

- The improved chemical composition of the new tube, made of odourless and tasteless modified polyethylene, ensures contamination-free transport of the product conveyed, thus preserving the original organoleptic properties.
- The special modified polyethylene tube ensures utmost resistance to very heavy cleaning processes, including the use of chemicals and high temperatures.
- The reinforced structure makes the hose strong and resistant to heavy-duty applications.
- The hose complies with the Regulations 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 the current European Regulation EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -35°C to +110°C, depending on the fluid conveyed.
- Sterilization up to +140°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

MTG UNIFOOD PERM-PROOF FDA DM EU ADI PHthalates FREE TUBE MADE IN ITALY

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
19	31	6.0	15	45	-0.6	160	0.56	20
25	37	6.0	15	45	-0.6	200	0.69	20
32	48	8.0	15	45	-0.6	250	1.13	20
38	56	9.0	15	45	-0.6	300	1.55	20
40	60	10.0	15	45	-0.6	320	1.81	20
50	72	11.0	15	45	-0.5	400	2.50	20
65	90	12.5	15	45	-0.5	520	4.00	20
75	105	15.0	15	45	-0.4	600	4.90	20
100	130	15.0	15	45	-0.4	800	6.27	20

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-U00024

UPDATED: 11/18
Rev: 001


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APPLICATION

- Rubber hose specifically designed for conveying high quality alcoholic beverages.
- Especially suitable for liquids with a high alcohol content such as liqueurs, grappa, whisky, brandy, vodka and any kind of spirits.
- It is suitable for conveying alcohol with a concentration up to 98%.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- UPE (Ultra high molecular weight polyethylene), odourless and tasteless, light colour, mirror smooth.
- Food compliance in accordance with FDA Standards, D.M. 21/03/73 and following amendments, Reg. EU 10/2011.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire and built-in copper wires.

COVER

- Synthetic rubber, resistant to abrasion, weatherproof, light colour, smooth, cloth finish.
- Food compliance according to FDA Standards, D.M. 21/03/73 and following amendments.

SAFETY FACTOR

- ≥ 3 times working pressure.

NOTE

- The hose may also be supplied with coloured cover (blue, red, yellow, etc.), not suitable for contact with foodstuff.

MAIN BENEFITS

- This is the perfect hose for use in distilleries and for processing beverages with a high alcohol content.
- The composition of the inner tube, odourless, tasteless and free from plasticizers, allows contamination-free transport of the fluid preserving its original organoleptic properties.
- The hose complies with the Regulations 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 the current European Regulation EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -35°C to +90°C, depending on the fluids conveyed.
- Sterilization up to +130°C for max. 30 minutes.

FITTING

- By means of clamps, collars, crimping or other systems needed by the equipment manufacturers.
- We suggest you to use fittings with a stem free from sharp edges, in order to avoid affecting the inner tube.

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
19	30	5.5	10	30	-0.9	90	0.60	40
25	36	5.5	10	30	-0.9	110	0.73	40
32	43	5.5	10	30	-0.9	150	0.90	40
38	51	6.5	10	30	-0.9	180	1.25	40
50	64	7.0	10	30	-0.9	220	1.75	40
63.5	78.5	7.5	10	30	-0.9	300	2.37	40
75	91	8.0	10	30	-0.9	400	3.10	40
100	118	9.0	10	30	-0.9	600	4.95	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-M00042

UPDATED: 04/18
Rev: 003



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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

MTG ACQUA/ADT-K

UBA-Leitlinie
DVGW-W270

Tested for cold and
warm water up to +60°C



MADE IN
ITALY

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).



Cod. IT-A00076

UPDATED: 07/21
Rev: 009


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APPLICATION

- Flexible and easy-to-handle rubber hose suitable for conveying high quality liquid foodstuffs such as wine, must, cider and spirits with an alcohol content up to 96%.
- Mainly used in wineries for suction and delivery.
- The structure is specifically designed to withstand frequent pressure changes and makes the hose perfect for conveying nitrogen and carbon dioxide during production processes and for transport of sparkling wine and champagne.
- Normally supplied in service lengths with fittings at the ends.

CONSTRUCTION

TUBE

- Synthetic rubber (code 90FDA), light colour, food quality, odourless and tasteless, smooth.
- Compliance: 3-A Sanitary Standards n.18-03-Class II, FDA Standards, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic polymer, red colour, resistant to abrasion and weather, wide corrugation, cloth finish.
- Additional external coating. Low friction material, red colour.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The special corrugated cover allows high flexibility and very easy handling.
- The special ANTIMYCOTIC cover, with a low coefficient of friction, allows an easy sliding over the working surfaces and makes the hose easy to handle. No risk of stains on the contact surfaces.
- The odourless and tasteless tube, specifically designed for conveying wine and high quality alcoholic products, ensures contamination-free transport of the fluid, thus preserving its original organoleptic properties.
- It ensures utmost safety during transport of fluids enriched with nitrogen and carbon dioxide, due to the special structure of the hose.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP). The MTG production cycle does not use animal derivatives, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -30°C to +80°C.
- Sterilization up to +120°C for max. 30 minutes.

NOTE

- Version with W.P. of 10 bar available on request.

MARKING

MTG PRIMEWINE       

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
32	43	5.5	12	36	-0.9	95	0.85	40
38	49	5.5	10	30	-0.9	115	0.92	40
40	51	5.5	10	30	-0.9	120	0.97	40
50	62	6.0	8	24	-0.9	160	1.43	40
60	73	6.5	7	21	-0.9	210	1.70	40
70	83	6.5	7	21	-0.9	245	1.95	40
80	93	6.5	6	18	-0.9	300	2.60	40
100	114	7.0	5	15	-0.9	400	3.50	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-M00223

DATED: 06/19
Rev: 000


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APPLICATION

- Flexible and easy-to-handle rubber hose suitable for conveying high quality liquid foodstuffs such as wine, must, cider and spirits with an alcohol content up to 96%.
- Mainly used in wineries for suction and delivery.
- The structure is specifically designed to withstand frequent pressure changes and makes the hose perfect for conveying nitrogen and carbon dioxide during production processes and for transport of sparkling wine and champagne.
- Normally supplied in service lengths with fittings at the ends.

CONSTRUCTION

TUBE

- Synthetic rubber (code 90FDA), light colour, food quality, odourless and tasteless, smooth.
- Compliance: FDA Standards, 3A, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic polymer, red colour, abrasion and weather resistant, smooth, cloth finish.

MAIN BENEFITS

- The tube, free from phthalates, plasticizers and animal derived ingredients, reduces the risk of bacterial growth and contamination of the product conveyed.
- The odourless and tasteless tube, specifically designed for conveying wine and high quality alcoholic products, ensures contamination-free transport of the fluid, thus maintaining its original organoleptic properties.
- It ensures utmost safety during transport of fluids enriched with nitrogen and carbon dioxide, due to the special structure of the hose.

TEMPERATURE RANGE

- From -30°C to +80°C.
- Sterilization up to +120°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

MTG® PRIMEWINE       

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
32	42	5.0	12	36	-0.9	135	0.83	40
35	45	5.0	10	30	-0.9	150	0.89	40
38	48.5	5.25	10	30	-0.9	170	1.12	40
40	50.5	5.25	10	30	-0.9	180	1.17	40
45	55.5	5.25	8	24	-0.9	200	1.30	40
51	61.5	5.25	8	24	-0.9	225	1.48	40
53	64	5.5	8	24	-0.9	250	1.58	40
60	71	5.5	7	21	-0.9	280	1.85	40
70	82	6.0	7	21	-0.9	340	2.35	40
80	92	6.0	6	18	-0.9	390	2.80	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).




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APPLICATION

- Beverage hose of latest generation, suitable for conveying a wide range of liquid foodstuffs such as wine, fruit juice, tomato juice, beer, drinking water and soft drinks.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- EPDM rubber (code 58 BI), light colour, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3A, BfR Recommendations Cat. II (German food legislation), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Heat resistant plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic rubber, blue colour, smooth, abrasion and weather resistant, cloth finish.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- Due to the heat resistant structure, the hose HOT-ALICHEM/SPL/10-BLUE is the perfect solution for high temperature applications and long lasting sterilizations.
- The composition of the inner liner makes it highly resistant to acids and bases with medium concentration.
- HOT-ALICHEM/SPL/10-BLUE provides a high resistance to chemical cleaning and disinfection products used in food sanitation processes.
- 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).

TEMPERATURE RANGE

- From -40°C to +120°C.

STERILIZATION

- Sterilization up to +150°C for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

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	25	6.0	10	30	-0.9	70	0.48	40
16	28	6.0	10	30	-0.9	80	0.55	40
19	31	6.0	10	30	-0.9	100	0.62	40
25	37	6.0	10	30	-0.9	140	0.80	40
32	44	6.0	10	30	-0.9	180	0.96	40
38	51	6.5	10	30	-0.9	230	1.37	40
50	66	8.0	10	30	-0.9	290	1.80	40
65	81	8.0	10	30	-0.9	390	2.65	40
75	91	8.0	10	30	-0.9	450	3.10	40
100	118	9.0	10	30	-0.9	600	4.80	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-H00037

UPDATED: 02/19
Rev: 003



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APPLICATION

- Beverage hose of latest generation, suitable for conveying a wide range of liquid foodstuffs such as wine, fruit juice, tomato juice, beer, drinking water and soft drinks.
- Delivery hose.

CONSTRUCTION

TUBE

- EPDM rubber (code 58 BI), light colour, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3A, BfR Recommendations Cat. II (German food legislation), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Heat resistant plies of synthetic cord.

COVER

- Synthetic rubber, blue colour, smooth, resistant to abrasion and weather, cloth finish.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- Due to the heat resistant structure, the hose HOT-ALICHEM/10-BLUE is the perfect solution for high temperature applications and long lasting sterilizations.
- The composition of the inner liner makes it highly resistant to acids and bases with medium concentration.
- HOT-ALICHEM/10-BLUE provides a high resistance to chemical cleaning and disinfection products used in food sanitation processes.
- 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).

TEMPERATURE RANGE

- From -40°C to $+120^{\circ}\text{C}$.

STERILIZATION

- Sterilization up to $+150^{\circ}\text{C}$ for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

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	23	5.0	10	30	-	80	0.35	40
16	26	5.0	10	30	-	95	0.40	40
19	31	6.0	10	30	-	115	0.55	40
25	37	6.0	10	30	-	150	0.68	40
32	48	8.0	10	30	-	190	1.20	40
38	56	9.0	10	30	-	240	1.50	40
50	70	10.0	10	30	-	300	2.20	40
65	87	11.0	10	30	-	390	3.10	40
75	99	12.0	10	30	-	450	3.90	40
100	130	15.0	10	30	-	600	6.30	40

(*) The bending radius can be reached at a pressure of ≥ 1 bar.

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature ($+20^{\circ}\text{C}$).



Cod. IT-H00027

UPDATED: 02/19
Rev: 003


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APPLICATION

- High quality rubber hose, perfect for handling beverages such as wine, fruit juice, beer, drinking water.
- Also suitable for milk and milk products.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- EPDM rubber (code 58 BI), light colour, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3A, D.M. 21/03/73 and following amendments, BfR recommendations (Cat. II).

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- Synthetic rubber, blue colour, smooth, abrasion and weather resistant, cloth finish.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The composition of the inner liner makes it highly resistant to acids and bases with medium concentration.
- Perfect solution for applications requiring an excellent temperature resistance.
- Alichem/SPL provides a high resistance to chemical cleaning and disinfection products used in food sanitation processes.
- 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).

TEMPERATURE RANGE

- From -40°C to +120°C.

STERILIZATION

- Sterilization up to +140°C for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

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	25	6.0	10	30	-0.9	50	0.46	40
16	28	6.0	10	30	-0.9	65	0.55	40
19	31	6.0	10	30	-0.9	80	0.62	40
25	37	6.0	10	30	-0.9	100	0.80	40
32	44	6.0	10	30	-0.9	130	0.99	40
38	51	6.5	10	30	-0.9	200	1.27	40
51	67	8.0	10	30	-0.9	250	2.15	40
63.5	79.5	8.0	10	30	-0.9	320	2.70	40
76	92	8.0	10	30	-0.9	450	3.10	40
102	120	9.0	10	30	-0.9	600	4.75	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-A00068

UPDATED: 02/19
Rev: 002


MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- High quality rubber hose, perfect for handling beverages such as wine, fruit juice, beer, drinking water.
- Also suitable for milk and milk products.
- Delivery hose.

CONSTRUCTION

TUBE

- EPDM rubber (code 58 BI), light colour, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3A, D.M. 21/03/73 and following amendments, BfR recommendations (Cat. II).

REINFORCEMENT

- Plies of synthetic cord.

COVER

- Synthetic rubber, blue colour, smooth, abrasion and weather resistant, cloth finish.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The composition of the inner liner makes it highly resistant to acids and bases with medium concentration.
- Perfect solution for applications requiring an excellent temperature resistance.
- ALICHEM provides a high resistance to chemical cleaning and disinfection products used in food sanitation processes.
- 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).

TEMPERATURE RANGE

- From -40°C to +120°C.

STERILIZATION

- Sterilization up to +140°C for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

MARKING


ALICHEM


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
19	31	6.0	15	45	-0.5	120	0.57	40
25	37	6.0	15	45	-0.5	150	0.71	40
32	48	8.0	15	45	-0.5	250	1.16	40
40	60	10.0	15	45	-0.4	290	1.81	40
50	70	10.0	15	45	-0.4	400	2.18	40
63.5	87.5	12.0	15	45	-0.4	520	3.30	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).


Cod. IT-A00144

UPDATED: 02/19
Rev: 000

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APPLICATION

- Food quality hose designed for conveying high quality alcoholic beverages (such as beer, cider, wine and spirits with an alcohol content up to 50%) and soft drinks.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- BIIR rubber (code 90FDA), light colour, food quality, odourless, tasteless, mirror smooth.
- Compliance: FDA Standards, 3A, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- EPDM based rubber, red colour, resistant to abrasion and ozone, weatherproof, smooth (cloth finish).

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The inner tube is free from plasticizers, phthalates and animal derived ingredients, thus reducing the risk of bacterial growth and contamination of the product conveyed.
- The composition of the hose cover ensures excellent resistance to aging.
- The hose complies with the Regulations 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 the current European Regulation EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -40°C to $+120^{\circ}\text{C}$.

STERILIZATION

- Sterilization up to $+130^{\circ}\text{C}$ for max. 30 minutes.
- For longer sterilizations you should use the version with vulcanized fittings at the ends.

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	Min. bending radius mm	Vacuum BAR	Approx. weight kg/m	Max. length m
19	31	6	10	30	80	-0.9	0.60	40
25	37	6	10	30	120	-0.9	0.74	40
25	38	6.5	10	30	120	-0.9	0.82	40
32	44	6	10	30	150	-0.9	0.90	40
32	45	6.5	10	30	150	-0.9	1.00	40
38	51	6.5	10	30	200	-0.9	1.25	40
38	52	7	10	30	200	-0.9	1.38	40
50	66	8	10	30	250	-0.9	1.95	40
51	66	7.5	10	30	250	-0.9	1.80	40
63.5	79.5	8	10	30	360	-0.9	2.60	40
63.5	80.5	8.5	10	30	360	-0.9	2.70	40
75	91	8	10	30	450	-0.9	3.18	40
76	92	8	10	30	450	-0.9	3.23	40
100	116	8	10	30	600	-0.9	3.90	40
100	118	9	10	30	600	-0.9	4.60	40
102	118	8	10	30	600	-0.9	4.00	40
102	120	9	10	30	600	-0.9	4.70	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature ($+20^{\circ}\text{C}$).



Cod. IT-D00032

UPDATED: 11/20
Rev: 001


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APPLICATION

- Food grade hose designed for conveying high quality alcoholic beverages (such as beer, cider, wine and spirits with an alcohol content up to 50%) and soft drinks.
- Delivery hose.

CONSTRUCTION

TUBE

- BIIR rubber (code 90FDA), light colour, food quality, odourless, tasteless, mirror smooth.
- Compliance: Standard FDA, 3A, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.

COVER

- EPDM based rubber, red colour, resistant to abrasion and ozone,

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The inner tube is totally free from plasticizers, phthalates and animal derived ingredients, thus reducing the risk of bacterial growth and contamination of the product conveyed.
- The composition of the hose cover ensures excellent resistance to aging.
- The hose complies with the Regulations 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 the current European Regulation EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -40°C to +120°C.
- Sterilization up to +130°C for max. 30 minutes.

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
19	31	6	10	30	-0.6	120	0.52	40
25	37	6	10	30	-0.6	150	0.65	40
32	48	8	10	30	-0.6	190	1.10	40
38	56	9	10	30	-0.6	240	1.44	40
50	70	10	10	30	-0.5	350	2.07	40
65	87	11	10	30	-0.3	500	2.95	40
75	100	12.5	10	30	-0.3	600	3.80	40
100	130	15	10	30	-0.3	750	6.15	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).

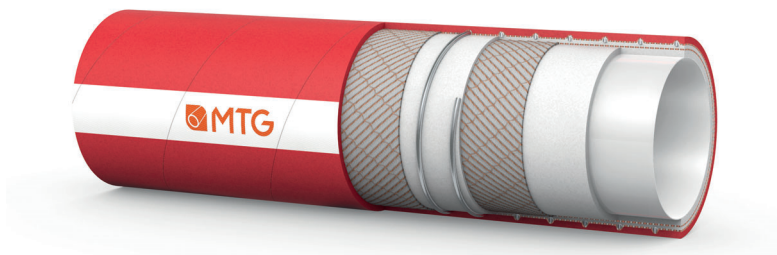


Cod. IT-M00003

UPDATED: 02/19
Rev: 003


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APPLICATION

- Food hose specifically designed to meet the demanding requirements of the beer processing industry.
- It is suitable for conveying high quality raw, pasteurized and organic beer, alcoholic beverages (alcohol content limit at room temperature: 96%), soft drinks and wine.
- It is also suitable for conveying fatty liquid foodstuffs.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- UHMWPE (Ultra High Molecular Weight Polyethylene), light colour, food grade, odourless and tasteless, mirror smooth.
- It complies with FDA Standards, D.M. 21/03/73 and following amendments, Reg. EU 10/2011.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- CR rubber, red colour, resistant to abrasion, ozone and weather, smooth, cloth finish.

MAIN BENEFITS

- The very strong structure makes it perfect for loading and unloading operations in breweries.
- The composition of the cover ensures utmost resistance to aging.
- 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.

SAFETY FACTOR

- ≥ 3 times working pressure.

TEMPERATURE RANGE

- From -30°C to +90°C.

STERILIZATION

- Sterilization up to +130°C for max. 30 minutes.

MARKING

MTG BREWART PLUS       

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
25	38	6.50	16	48	-0.9	150	0.95	40
32	45	6.50	16	48	-0.9	210	1.15	40
38	52	7.00	16	48	-0.9	250	1.49	40
40	54	7.00	16	48	-0.9	250	1.56	40
50	66	8.00	16	48	-0.9	400	2.12	40
51	67	8.00	16	48	-0.9	400	2.15	40
63.5	82	9.25	16	48	-0.9	520	3.10	40
75	94	9.50	16	48	-0.9	600	3.75	40
76	95	9.50	16	48	-0.9	600	3.78	40
100	123	11.50	16	48	-0.9	800	6.20	40
102	125	11.50	16	48	-0.9	800	6.25	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-B00041

UPDATED: 02/21
Rev: 001

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APPLICATION

- Food hose of latest generation, specifically designed to meet the demanding requirements of the beer processing industry.
- It is suitable for conveying high quality raw, pasteurized and organic beer, alcoholic beverages (alcohol content limit at room temperature: 96%), soft drinks and wine.
- Delivery and slight suction hose.
- It is also suitable for conveying fatty liquid foodstuffs.

CONSTRUCTION

TUBE

- UPE (Ultra High Molecular Weight Polyethylene), light colour, food grade, odourless and tasteless, mirror smooth.
- It complies with FDA Standards and Reg. EU 10/2011.

REINFORCEMENT

- Plies of synthetic cord.

COVER

- CR rubber, red colour, resistant to abrasion, ozone and weather, smooth, cloth finish.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The very strong structure makes it perfect for loading and unloading operations in breweries.
- The composition of the cover ensures utmost resistance to aging.
- 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).

TEMPERATURE RANGE

- From -30°C to +90°C depending on the product conveyed and on use.

STERILIZATION

- Sterilization up to +130°C for max. 30 minutes.

MARKING

MTG BREWART PLUS      

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
25	37	6.0	16	48	-0.8	150	0.74	40
32	48	8.0	16	48	-0.8	200	1.38	40
40	60	10.0	16	48	-0.8	250	2.10	40
50	72	11.0	16	48	-0.8	350	2.95	40
65	89	12.0	16	48	-0.7	450	4.00	40
75	105	15.0	16	48	-0.6	500	5.70	40
80	110	15.0	16	48	-0.6	650	5.90	40
100	130	15.0	16	48	-0.6	750	6.95	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



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APPLICATION

- Food hose specifically designed to meet the demanding requirements of the beer processing industry.
- It is suitable for conveying high quality raw, pasteurized and organic beer, alcoholic beverages, soft drinks and wine.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- BIIR rubber (code 90 FDA), light colour, food grade, odourless and tasteless, mirror smooth.
- Compliance: FDA Standards, 3-A Sanitary Standards n.18-03-Class II, D.M. 21/03/73 and following amendments.
- Validation by the institute "Technische Universität München WEIHENSTEPHAN".

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

COVER

- CR rubber, red colour, resistant to abrasion, ozone and weather, smooth, cloth finish.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The very strong structure makes it perfect for loading and unloading operations in breweries.
- The composition of the cover ensures utmost resistance to aging.
- 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 -40°C to +120°C depending on the product conveyed and on use.

STERILIZATION

- Sterilization up to +130°C for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

MARKING

MTG BREWART

HOSE TESTED BY TECHNISCHE
UNIVERSITÄT MÜNCHEN WEIHENSTEPHAN



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
19	32	6.5	16	48	-0.9	95	0.67	40
25	38	6.5	16	48	-0.9	125	0.85	40
32	46	7.0	16	48	-0.9	160	1.20	40
38	52	7.0	16	48	-0.9	190	1.50	40
50	65	7.5	16	48	-0.9	300	1.90	40
65	84	9.5	16	48	-0.9	450	3.25	40
75	95	10.0	16	48	-0.9	530	3.85	40
100	121	10.5	16	48	-0.9	700	5.60	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-B00040

UPDATED: 02/21
Rev: 000



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APPLICATION

- Food hose specifically designed to meet the demanding requirements of the beer processing industry.
- It is suitable for conveying high quality raw, pasteurized and organic beer, alcoholic beverages, soft drinks and wine.
- Delivery and slight suction hose.

CONSTRUCTION

TUBE

- BIIR rubber (code 90FDA), light colour, food grade, odourless and tasteless, mirror smooth.
- It complies with FDA Standards, 3-A Sanitary Standards n.18-03-Class II, D.M. 21/03/73 and following amendments.
- Validation by the institute "Technische Universität München WEIHENSTEPHAN".

REINFORCEMENT

- Plies of synthetic cord.

COVER

- CR rubber, red colour, resistant to abrasion, ozone and weather, smooth, cloth finish.

MARKING

MAIN BENEFITS

- The very strong structure makes it perfect for loading and unloading operations in breweries.
- The composition of the cover ensures utmost resistance to aging.
- 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.

SAFETY FACTOR

- ≥ 3 times working pressure.

TEMPERATURE RANGE

- From -40°C to +120°C depending on the product conveyed and on use.

STERILIZATION

- Sterilization up to +130°C for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

MTG BREWART

HOSE TESTED BY TECHNISCHE
UNIVERSITÄT MÜNCHEN WEIHENSTEPHAN



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	23	5	16	48	-0.6	80	0.37	40
19	29	5	16	48	-0.6	120	0.48	40
25	37	6	16	48	-0.6	150	0.74	40
32	48	8	16	48	-0.6	200	1.38	40
38	56	9	16	48	-0.6	240	1.85	40
40	60	10	16	48	-0.6	240	2.10	40
50	70	10	16	48	-0.6	300	2.75	40
51	71	10	16	48	-0.6	300	2.80	40
63.5	87.5	12	16	48	-0.5	400	3.90	40
65	89	12	16	48	-0.5	400	4.00	40
75	105	15	16	48	-0.4	450	5.70	40
76	106	15	16	48	-0.4	450	5.75	40
80	110	15	16	48	-0.4	500	5.90	40
100	130	15	16	48	-0.4	600	6.95	40
102	132	15	16	48	-0.4	600	7.00	40

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature (+20°C).



Cod. IT-B00038

UPDATED: 08/20
Rev: 001



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APPLICATION

- Flexible hose specifically designed for conveying beer, cider, high quality wines and soft drinks.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- BIIR rubber (code 90 FDA), light colour, food quality, odourless, tasteless, mirror-smooth.
- Compliance: 3-A Sanitary Standards n.18-03-Class II, FDA Standards, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord and built-in steel helix wires.

COVER

- Low friction thermoplastic polymer. Red colour. Wide corrugated, glossy finish.
- Abrasion, ozone and weather resistant. It withstands the contact with a wide range of detergents that can be used for the cleaning and sanitization of the outer surface of the hose.

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- The special cover, with a low coefficient of friction, allows an easy sliding over the working surfaces.
- The glossy finish thermoplastic cover is easy to clean: this enables an effective cleaning and sanitization of the outer surface of the hose in order to reduce the spread of bacterial and viral loads in the work environment.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle does not use animal derivatives, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Non-plasticized inner tube.

TEMPERATURE RANGE

- From -40°C to +120°C, depending on the fluids conveyed and on use.
- Sterilization up to +130°C for max. 30 minutes.

MARKING

MTG SLIDEFLEX 3A FDA DM ADI PHthalates FREE PLASTICISERS FREE TUBE MADE IN ITALY

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	Min. bending radius mm	Vacuum BAR	Approx. weight kg/m	Max. length m
25	37	6.0	10	30	75	-0.9	0.71	40
38	51	6.5	10	30	120	-0.9	1.22	40
51	66	7.5	10	30	150	-0.9	1.86	40
63.5	79.5	8.0	10	30	195	-0.9	2.35	40
76	92	8.0	10	30	230	-0.9	3.00	40
76	93	8.5	10	30	230	-0.9	3.10	40
102	119	8.5	10	30	300	-0.9	4.00	40

Other sizes and colours are available upon request. Please contact the MTG Sales Department.
Above technical data refer to application at room temperature (+20°C).



Cod. IT-M00217

DATED: 07/20
Rev: 000