GRANOFOOD/CLC/4

FOOD INDUSTRY

TÜV AUSTRIA
EN ISO 9001:2015 No. : Q-3353-24
EN ISO 45001:2018 No. : 20152240011742
EN ISO 14001:2015 No. : 20051240011741



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

SAFETY FACTOR

- ≥ 3 times working pressure.

MARKING

MTG GRANOFOOD 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
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°C).
Other diameters and colours are available on request: please contact our Sales Office.

ADI FREE · PHTHALATES FREE · FDA FOOD QUALITY · EU 10/2011

Cod. IT-G00086

UPDATED: 11/20
Rev: 003