



## 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.
- 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.

### REINFORCEMENTS

- Plies of synthetic cord.

### COVER

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

## SAFETY FACTOR

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

## MAIN BENEFITS

- The inner liner, specifically designed for conveying hot water and steam (up to +164°C), allows safe cleaning and disinfection process.
- The cover provides good heat-resistance and withstands incidental 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.

## MARKING



## NOTE

- Version complying with BfR standards available upon request (reference: Vapore/6-BBL).
- If required, all our products may be supplied in 'TXI' version (embedded stainless steel wire braids).

## TECHNICAL SPECIFICATIONS

**DIMENSIONAL TOLLERANCE:** Inner Diameter - Outer Diameter - Length: ISO 1307

| Internal 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                  | 5.0                 | 6                                | 20                              | -            | 75                       | 0.27                  | 40             |
| 13                     | 23                  | 5.0                 | 6                                | 20                              | -            | 100                      | 0.32                  | 40             |
| 16                     | 28                  | 6.0                 | 6                                | 20                              | -            | 120                      | 0.48                  | 40             |
| 19                     | 31                  | 6.0                 | 6                                | 20                              | -            | 160                      | 0.54                  | 40             |
| 25                     | 39                  | 7.0                 | 6                                | 20                              | -            | 200                      | 0.82                  | 40             |
| 32                     | 46                  | 7.0                 | 6                                | 20                              | -            | 260                      | 1.04                  | 40             |
| 38                     | 54                  | 8.0                 | 6                                | 20                              | -            | 300                      | 1.40                  | 40             |
| 50                     | 67                  | 8.5                 | 6                                | 20                              | -            | 380                      | 1.76                  | 40             |

Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data are based on application at room temperature (+20°C).

**Other sizes are available on request.**