

Food Industry - Special applications



Thermoclean 100, 15 bar

Applications

- Industrial cleaning
- Carrying foodstuffs

Sectors of Activity

- Food Processing
- Dairy industry
- Shopkeepers, Craftsmen
- Abattoirs
- Industrial uses

Advantages

New Thermoclean 100 is more flexible and more resistant at high temperature. It is a safety tube: it stands thermal shocks, hammering, cyclic pressure and deformation particularly well up to 100°C continuously and even up to 120°C intermittently as a recyclable and non-staining material that is resistant to several agri-food industry cleaning solutions, it is the new standard for professional cleaning.



Connectors

Thermoclean 100 can be equipped with all types of connectors assembled with clamps. Caution : please make sure that the following precautions are followed :

- The connectors should be safe to handle ; the tail should have a length that is at least twice that of the inside diameter

- In the case of clamp fixation, it is recommended that two clamps be used and that they be retightened after first use.
- Crimping is the most adequate solution (please consult us).

Chemical Resistance

See table column B.



-15°C to +100°C



New generation tube for washing up to 100°C continuously.

Five layer design based on high thermal resistance food-grade materials and high adherence system between the inner tube and the outer layers. Resists grease and conventional detergent and disinfectant solutions.

Maximum working pressure 15 bar at 100°C



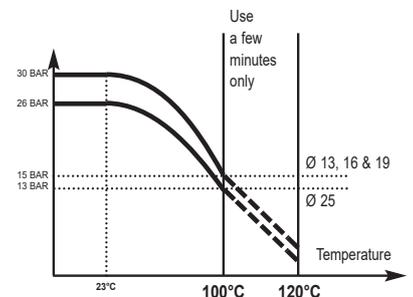
- 1 Blue Soft temperature, non-staining, greaseproof, detergent and disinfectant resistant PVC food-grade lining.
- 2 4 High adherence food-grade layer
- 3 High tenacity polyester textile reinforcement
- 5 White Soft temperature detergent and disinfectant resistant PVC food-grade inner tube

Marking : THERMOCLEAN 100 2007/19/CE Ø inn [WP] bar / 100°C [batch number]

Crimping Process

1. Immerse the hose in water at 60 ° C for 10 minutes.
2. Fit the ferrule to the bottom of the hose.
3. Slip-tip all the way into the hose.
4. Crimping the ferrule on the hose in accordance with the parameters below.
5. Check a freelance diameter of less than -0.05 mm internal diameter of the tip is not coming into the mouthpiece. If not, adjust the crimp.
6. Check the setting and the absence of wounds.
7. Test the pressure.

Crimping parameters			
mm of hose	Minimum length of end caps and skirts (mm)	Crimping diameter (mm)	Pressure test at 20°C (bar)
13	26	24	45
16	32	27	45
19	38	30	45
25	50	36	29



mm	\pm mm	mm	\pm mm	mm	$\frac{g}{m}$	20°C	100°C	20°C	100°C	mm	Blue 20m
13	+/- 0,6	22	+/- 1	4,5	306	90	45	30	15	80	TRI-145571
16	+/- 0,8	25	+/- 1	4,5	358	90	45	30	15	95	TRI-145655
19	+/- 0,9	28	+/- 1,25	4,5	408	90	45	30	15	115	TRI-145671
25	+/- 1	34	+/- 1,25	4,5	513	78	39	26	13	150	TRI-145597