

Food cleaning

THERMOCLEAN® 100

+100
°C
-15



Maximum working pressure
15 bar at 100°C

APPLICATIONS

- Industrial cleaning
- Carrying foodstuffs

SECTORS OF ACTIVITY

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

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.



- 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 (EU) N° 10/2011 Ø inn [WP] bar / 100°C [batch number]

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.

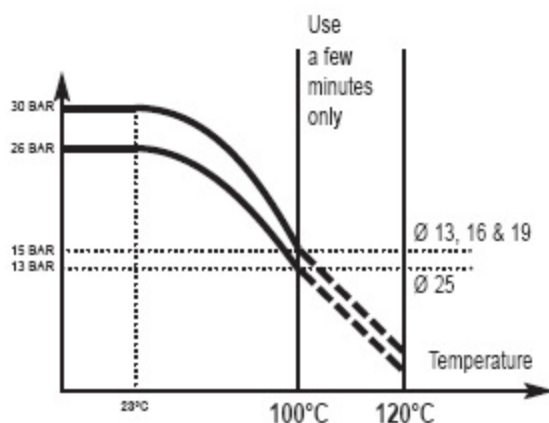
CONNECTORS

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 pages 69 to 72 column B.



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	60
16	32	27	60
19	38	30	60
25	50	36	52

mm	± mm	mm	± mm	mm	g/m	20°C	100°C	20°C	100°C	mm	Blue	
											20 m	40 m
13	+/- 0,6	22	+/- 1	4,5	306	90	45	30	15	80	145571	145584
16	+/- 0,8	25	+/- 1	4,5	358	90	45	30	15	95	145655	145668
19	+/- 0,9	28	+/- 1,25	4,5	408	90	45	30	15	115	145671	145684
25	+/- 1	34	+/- 1,25	4,5	513	78	39	26	13	150	145597	145697