



## Data sheet Thermoflex – DN25




The DOSANOVA Thermoflex hose is a 5 layer, hot water wash down hose. Especially designed for the cleaning in food and dairy industry and designed for pressures up to 15 bar at 100 °C continuous use. Food grade.

Materials:	
Cover:	Blue Soft temperature, non-staining, greaseproof, detergent and disinfectant resistant PVC food-grade lining.
Reinforcement:	High tensile textile reinforced.
Inner tube:	White Soft temperature detergent and disinfectant resistant PVC food-grade inner tube
Main applications:	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.
Suitable for:	Oils, water, water in oil emulsions, air, water mixed with commonly used detergents/chemicals (max 25% concentration).
Resistant to:	Resists grease and conventional detergent and disinfectant solutions. With an isolating thermal lining the risk of being scolded is reduced.
Label:	FDA food grade according to 2007/19/EC, 2002/72/EC regulation10/2011.
Working pressure:	15 bar @ 100°C
Minimum burst pressure @ 23°C:	78 bar
Minimum burst pressure @ 100°C:	39 bar
Temperature range:	-10°C up to +100°C (+14°F up to+158°F)
Bending radius:	150 mm
Weight:	0,513kg/m (0.220 lb/ft)
Inside diameter:	25 mm
Outside diameter:	34 mm
Size:	1"
Label:	THERMOCLEAN 100 (EU) N° 10/2011 ALIMENTAIRE Ø inn [WP] bar / 100°C



**Standard wash down hose assemblies Foodflex.**

The standard adapters of the Thermoflex DN25 hose are 1"MF BSP 60°. The hose is equipped on the male and female side with stainless steel anti kinking springs.

	121.175X1	1 meter hose 1"MF BSP with hose bend restrictor.
	121.175X2.5	2.5 meter hose 1"MF BSP with hose bend restrictor.
	121.175X5	5 meter hose 1"MF BSP with hose bend restrictor.
	121.175X10	10 meter hose 1"MF BSP with hose bend restrictor.
	121.175X15	15 meter hose 1"MF BSP with hose bend restrictor.
	121.175X20	20 meter hose 1"MF BSP with hose bend restrictor.
	121.175X25	25 meter hose 1"MF BSP with hose bend restrictor.
	121.175X30	30 meter hose 1"MF BSP with hose bend restrictor.
	121.175X35	35 meter hose 1"MF BSP with hose bend restrictor.
	121.175X50	50 meter hose 1"MF BSP with hose bend restrictor.

\*other lengths and adapters on demand.

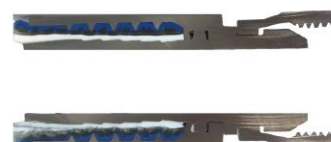
**Hose assembly & pressing:**

We assemble hoses starting from DN4 up till DN100. Dosanova has a complete "Finn power quick-loader" assembly line for unrolling, measuring, cutting, rolling up, adapter mounting, pressing and measuring and testing machines.



**Safety First:**

Every hose batch is carefully tested through a pulse test. In addition, there are regular measurements via an external lab to check whether the pressing of the adapters is correct. this via a test where the coupling in resin is placed and cut. On this way it can be perfectly checked whether the adapters are perfectly pressed into the hoses.



**Adapters:**

All hoses used in food industry are standard AISI316.

**Customized:**

Hose types, hose lengths end adapters can be assembled on demand.