



Data sheet Thermoflex - DN19



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:	20 bar @ 70°C
Minimum burst pressure @ 23°C:	90 bar
Minimum burst pressure @ 100°C:	45 bar
Temperature range:	-10°C up to +70°C (+14°F up to+158°F)
Bending radius:	115 mm
Weight:	0,325kg/m (0.220 lb/ft)
Inside diameter:	19 mm
Outside diameter:	28 mm
Size:	3/4"
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 hose are 3/4"MF BSP 60°.

The hose is equipped on the male and female side with stainless steel anti kinking springs.



	121.165X1	1 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X2.5	2.5 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X5	5 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X10	10 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X15	15 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X20	20 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X25	25 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X30	30 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X35	35 meter hose 3/4"MF BSP with hose bend restrictor.
	121.165X50	50 meter hose 3/4"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.