



Data sheet Foodflex - DN12




The DOSANOVA Foodflex 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 50 bar at 70 °C continuous use. Food grade.

Materials:	
Cover:	Abrasion and ozone resistant synthetic elastomeric.
Reinforcement:	High tensile textile reinforced.
Inner tube:	Grey non-toxic PVC.
Main applications:	Especially designed for industrial foam cleaning and hot water wash down applications in the food and dairy industry.
Suitable for:	Oils, water, water in oil emulsions, air, water mixed with commonly used detergents/chemicals (max 25% concentration).
Resistant to:	Particularly resistant to, oils, water, water mixed with commonly used detergents/chemicals (max 25% concentration), air and ozone. Weather proof.
Label:	FDA food grade according to 2007/19/EC, 2002/72/EC regulation10/2011.
Working pressure:	50 bar @ 70°C (750PSI @ 158°F)
Minimum burst pressure @ 23°C:	150 bar
Minimum burst pressure @ 70°C:	100 bar
Temperature range:	-10°C up to +70°C (+14°F up to+158°F)
Bending radius:	84 mm (3,25")
Weight:	0,325kg/m (0.220 lb/ft)
Inside diameter:	12 mm (15/32")
Outside diameter:	22 mm (0,87")
Size:	1/2"
Label:	Foodflex - logo FDA - ø12 mm - for food contact - W.P. 50bar - MPa - Temp 70°C.



Standard wash down hose assemblies Foodflex.

The standard adapters of the Foodflex hose are 1/2" MF BSP 60°. Standard the hose is equipped on the mail side with hose bend restrictor. Other lengths and adapter sizes on demand.

	30350X1	1 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X2.5	2.5 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X5	5 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X10	10 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X15	15 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X20	20 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X25	25 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X30	30 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X35	35 meter hose 1/2" MF BSP with hose bend restrictor.
	30350X50	50 meter hose 1/2" MF BSP with hose bend restrictor.

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.