



PLUTONE PF

Colour: red cover with a white longitudinal strip; white liner.

Temperature range: -35°C + 100°C/-31°F +212°F. For cleaning and disinfecting, consult IPL's cleaning instructions. We do not recommend the use of vapor cleaning (SIP), which can severely impair the hose life.

flexible hose made of TPS hygienic rubber, with steel spiral and polyester reinforcement. Inside and outside completely smooth to enhance flow properties and allow easy cleaning and sterilization processes. Produced with specific tighter tolerances than an equivalent vulcanized rubber hose. The extruded, low porosity TPS tube reduces permeation problems. Highly neutral in taste and odor, it preserves the organoleptic properties of the medium. Good chemical resistance to acids and alkaline solutions and good impermeability. Versatile rubber resistant even to an alcohol concentration of 50%.

Cover features: excellent resistance to ozone, ageing, UV rays and weather conditions.

Standards: Food grade according to the EU Regulation n° 10/2011, FDA Regulations (Title 21 CFR 177.2600).

Curing-free material: the production of Plutone PF does not need any vulcanization process, therefore it prevents the risk of leaching of curing agent residues into the end product (peroxide or platinum volatile rests). It allows to save energy sources and limit CO2 emissions.

APPLICATIONS:

versatile suction and delivery hose designed to convey food liquids. Suitable for a manifold range of

media such as premium wines, fruit juices, vinegar, spirits with alcoholic content up to 50%, milk and byproducts.

See recommendations for technical suitability.

Date: 5th September 2013 - Revision 03 replacing previous editions.

TECHNICAL DATA:

Code	Ø inside	Ø outside	Weight	WP	BP	Vacuum	Bending r.	Coil length	Volume
	mm	mm	g/m	bar	bar	mH2O	mm	m	m ³
PF 01 020.0 029.0	20	29	370	14	42	10	60	60	0,106
PF 01 025.0 035.0	25	35	510	13	39	10	100	60	0,135
PF 01 032.0 043.0	32	43	690	12	36	9	130	60	0,214
PF 01 038.0 049.0	38	49	800	10	30	9	150	30	0,228
PF 01 040.0 051.0	40	51	840	10	30	9	160	30	0,233
PF 01 050.0 063.0	50	63	1340	10	30	8	250	30	0,286
PF 01 063.0 077.0	63	77	1750	10	30	8	320	30	0,372
PF 01 076.0 091.0	76	91	2120	9	27	7	380	30	0,603
PF 01 080.0 095.0	80	95	2210	9	27	7	400	20	0,497
PF 01 102.0 118.0	102	118	3040	7	21	7	510	20	0,801



