



WHITEHOUSE
FLEXIBLE TUBING LTD

PLUTONE PF



Red cover hose with a white longitudinal stripe and white liner. It is made of TPE-S hygienic rubber, with a 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. Cover features: excellent resistance to ozone, ageing, UV rays and weather conditions. The extruded, low porosity TPE-S 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%. 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 can be conductive ($R < 102 \text{ Ohm/m}$) by grounding the spiral. Food grade according to the EU Regulation 10/2011 (Classes A, B, C, D1), FDA Regulations (Title 21 CFR Parts 170 to 199 Item 177.2600, classes D, E).

Application Fields: 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%. Available in blue version to deliver milk, yogurt and dairy products (no fatty food).

- **Temp Range:** -35 to +100°C
- **Size Range:** 14 - 102mm
- **Material:** TPE-S rubber



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- **Reinforced:** Textile & steel spiral

TECHNICAL DATA

CODE	Ø INT.	Ø OUT.	WEIGHT	W.P.	B.P.	VACUUM	BENDING	COIL LGTH.	VOLUME
	mm	mm	g/m	bar	bar	m H2O	mm	m	m3
PF010140022000*	14	22	245	19	57	10	40	60	0,048
PF010200029000	20	29	365	14	42	10	60	60	0,095
PF010250035000	25	35	510	13	39	10	100	60	0,146
PF010320043000	32	43	685	12	36	9	130	60	0,214
PF010380049000	38	49	800	10	30	9	150	30	0,198
PF010400051000	40	51	835	10	30	9	160	30	0,202
PF010500063000	50	63	1325	12	36	8	250	30	0,286
PF010600074000*	60	74	1660	10	30	8	300	30	0,365
PF010630077000	63	77	1735	10	30	8	320	30	0,375
PF010700085000*	70	85	1990	9	27	7	350	30	0,404
PF010760091000	76	90,8	2120	9	27	7	380	30	0,603
PF010800095000	80	94,8	2185	8	24	7	400	20	0,497
PF011020118000	102	118	3030	7	21	7	510	20	0,801

DOWNLOADS

[Plutone PF Datasheet](#)

[Plutone PF Food Declaration](#)

Download Plutone PF Datasheet and Food Declaration for this Liquid and Food Hose.