

PLUTONE PRESS **BIO**

Hose produced with Biovinyl™. Completely phthalates free

Applications

Ideal for suction and delivery liquid and dry substances in food industry such as drinks, juices, wine, vinegar and spirits with max alcohol content up to 20%. Not suitable for fatty foods or milk and dairy products.

Technical Features

Flexible hose reinforced with an high tenacity polyester yarn and a steel spiral, produced with Biovinyl™ : a revolutionary bio-based compound, obtained mainly from renewable biological sources. It allows to reduce CO2 emissions during its production and disposal process. Completely free from phthalates. Resistant to several chemicals, weather conditions, ozone and UV rays.

Properties

Smooth inside and outside to ensure the optimization of flow. Completely free from phthalates. Resistant to several chemicals, weather conditions, ageing, ozone, UV rays, hydrolysis.

Standards

Food grade according to EC 10/2011 Regulation (classes A,B,C and dry food) and to FDA (CFR 21 Parts 170 to 199 Item 175.300), RoHS 2011/65/EU Directive, REACH Regulation (1907/2006), TRB S 2153. It can be made electrically bonded according TRB S 2153 by grounding the spiral. The electrical resistance $R \leq 10^2$ Ohm/m is according to ISO 8031 - ATEX Directive 94/4/EC and 99/92/EC.

Temperature range

-10°C + 60°C / +14°F +140°F

Technical data									
Part Number	Inside ø (mm)	Outside ø	Weight (g/m)	Working Pressure (bar)	Bursting Pressure (bar)	Vacuum (mH2O)	Bending radius (mm)	Coil length (m)	Volume (m³)
B3 01 012.0 020.0	12*	20	275	19	57	10	36	30/60	0,039
B3 01 020.0 029.6	20	29	470	14	42	10	60	30/60	0,106
B3 01 025.0 035.0	25	35	650	12	36	10	75	30/60	0,135
B3 01 032.0 043.0	32	43	880	11	33	9	96	30/60	0,214
B3 01 038.0 049.0	38	49	1025	10	30	9	110	30	0,228
B3 01 040.0 052.0	40	51	1070	10	30	9	120	30	0,233
B3 01 050.0 063.0	50	63	1640	8	24	8	150	30	0,286
B3 01 060.0 074.0	60*	74	2065	7	21	8	180	30	0,363
B3 01 063.0 077.0	63*	77	2160	7	21	8	190	30	0,372
B3 01 076.0 091.0	76*	91	2660	6	18	7	230	30	0,603
B3 01 102.0 118.0	102*	118	3800	4	12	7	310	20	0,801
*for these and other Ø not listed contact our offices									

