

POLYSPIR UPE-BN ANTISTATIC HOSE

HOSES › Flexible hoses for liquids suitable for food use › TUBES FOR OENOLOGY AND DERIVATIVES

Multipurpose hose for delivery and suction of a wide range of chemical, alcoholic and food products.

The POLYSPIR hose is normally installed on tankers and unloading platforms, chemical laboratories, fixed and mobile plants in the food and chemical industries.



Mastertubi.it/q?1313

USES:

The POLYSPIR UPE-BN tube substrate is suitable for the passage of concentrated alcohol up to 98%.

The hose complies with EC Reg. 1935/2004 and 2023/2006/EC (GMP).

The production cycle does not use animal derivatives, phthalates, adipates and materials subject to restrictions

according to EC Reg. 1907/2006 (REACH).

TEMPERATURES: From -35°C to +100°C.

Steam resistance up to +130°C for a maximum time of 30 minutes.

MARKING Image: Multipurpose hose for delivery and suction of a wide range of chemical, alcoholic an

UNDERLAYER:

UPE (UHMWPE □ Ultra High Molecular Weight Polyethylene), light colour, smooth, mirror-like.

Compliance: FDA standards, with Ministerial Decree 03/21/73 and subsequent amendments, and with EU Reg. n. 10/2011.

REINFORCEMENTS: Highly resistant synthetic textile inserts. Built-in steel spiral. Copper wires inserted.

COVERAGE:

Antistatic BLACK EPDM rubber (R < 10⁶ O) resistant to abrasion, ozone and atmospheric agents, smooth or corrugated CLC in any case with cloth impression.

Non-antistatic RED EPDM rubber, resistant to abrasion, ozone and atmospheric agents, smooth or corrugated CLC in any case with cloth impression.

SAFETY FACTOR: = 4 times the operating pressure

Internal diam mm	External diam mm	Wall thickness mm	Operating pressure BAR	Burst pressure BAR	Minimum radius of curvature mm	Vacuum BAR	Theoretical weight kg/m	Maximum length m
13	24	5.5	10	40	80	-0.9	0.45	40
19	31	6.0	10	40	115	-0.9	0.65	40
25	37	6.0	10	40	150	-0.9	0.82	40
32	44	6.0	10	40	190	-0.9	0.98	40
35	47	6.0	10	40	210	-0.9	1.05	40
38	51	6.5	10	40	230	-0.9	1.25	40
40	53	6.5	10	40	240	-0.9	1.30	40
50	64	7.0	10	40	300	-0.9	1.84	40

50	66	8.0	10	40	300	-0.9	2.00	40
63.5	79.5	8.0	10	40	390	-0.9	2.55	40
70	86	8.0	10	40	420	-0.9	2.70	40
75	91	8.0	10	40	480	-0.9	3.00	40
80	96	8.0	10	40	480	-0.9	3.15	40
100	118	9.0	10	40	600	-0.9	4.90	40
102	120	9.0	10	40	600	-0.9	4.92	40

Internal diam inch	External diam inch	Operating pressure PSI	Burst pressure PSI	Minimum radius of curvature inch	Vacuum inHg	Theoretical weight lbs/ft	Maximum length ft
1/2	0.94	150	600	3.15	-26.57	0.30	131.2
3/4	1.22	150	600	4.53	-26.57	0.44	131.2
1	1.46	150	600	5.91	-26.57	0.55	131.2
1 1/4	1.73	150	600	7.48	-26.57	0.66	131.2
1 3/8	1.85	150	600	8.27	-26.57	0.70	131.2
1 1/2	2.01	150	600	9.06	-26.57	0.84	131.2
1 37/64	2.09	150	600	9.45	-26.57	0.87	131.2
1 31/32	2.52	150	600	11.81	-26.57	1.23	131.2
1 31/32	2.60	150	600	11.81	-26.57	1.34	131.2
2 1/2	3.13	150	600	3.35pm	-26.57	1.71	131.2
2 3/4	3.39	150	600	4.54pm	-26.57	1.81	131.2
2 61/64	3.58	150	600	18.90	-26.57	2.01	131.2
3 5/32	3.78	150	600	18.90	-26.57	2.11	131.2
3 15/16	4.65	150	600	23.62	-26.57	3.29	131.2
4	4.72	150	600	23.62	-26.57	3.3	131.2