

ERIFLON 711

STANDARD

EC1935/2004, EU 10/2011, FDA 21 CFR177.1550/ CFR178.3297 (AS)



This universal helically corrugated PTFE hose is reinforced with a single stainless steel braid, providing high flexibility and excellent resistance to mechanical stress and vibration. The PTFE liner ensures outstanding chemical resistance and a low coefficient of friction, as well as preventing any contamination of the conveyed medium. This makes it suitable for aggressive chemicals, solvents and high-purity process fluids. The braided construction enables reliable performance in high-pressure, suction and discharge applications in chemical processing, industrial fluid handling and semiconductor environments. The corrugated PTFE design maintains long-term stability against thermal cycling and material degradation, ensuring consistent flow and durability, even under severe operating conditions. Thanks to the odourless and tasteless properties of PTFE, the hose is also suitable for sensitive media in the food, cosmetics and pharmaceutical industries, where hygienic and inert transfer is essential. ERIFLON 711 is available with PTFE-lined or non-lined stainless-steel end fittings, ensuring compatibility with diverse installation requirements. Also available in black Anti-static for safe dissipation of static electricity.

LINER

- PTFE, white convoluted inside and outside, homogenic and extruded interior

TEMPERATURE

- -70°C and +260°C
- > 120°C for every 1°C increase, counting a 1% derating of working pressure

REINFORCEMENT

- Stainless steel AISI304 single braid

PRESSURE

- Safety factor 4:1

Size	Wall thickness (ca. Δ = OD-ID)	Max. outside diameter	Working pressure	Vacuum	Bend radius	Weight	Max. hose length
	mm	mm	bar	%	mm	kg/m	m
DN06 - 1/4"	3,2	13,6	60	75	12	0,122	20
DN10 - 3/8"	3,4	17,6	60	75	24	0,168	20
DN12 - 1/2"	3,4	20,7	60	88	29	0,197	20
DN16 - 5/8"	3,4	25,3	55	88	35	0,302	20
DN20 - 3/4"	3,9	31,5	60	88	59	0,372	20
DN25 - 1"	4,9	38,3	40	88	71	0,604	20
DN32 - 1.1/4"	4,9	46,2	40	88	94	0,723	20
DN40 - 1.1/2"	5,6	51,5	35	88	118	1,062	20
DN50 - 2"	6,2	66,6	25	88	147	1,282	20
DN65 - 2.1/2"	8,2	87,1	16	88	230	2,140	20
DN80 - 3"	8,2	97,6	14	88	260	3,310	20
DN100 - 4"	12,3	125,5	10	88	300	4,050	20
DN125 - 5"	12,5	161,0	6	55	450	5,500	12
DN150 - 6"	12,5	186,0	6	55	520	6,000	10

Technical data at 20°C