

ERIFLON 511 AS

STANDARD

EC1935/2004, EU10/2011, FDA 21 CFR178.3297 (AS)



Black Anti Static Corrugated PTFE Discharge hose with stainless steel braid, designed for safe transfer of liquids and gases where controlled static dissipation is essential. The carbon black loaded PTFE liner provides defined electrical conductivity, preventing static charge buildup when handling non conductive or flammable media and eliminating the risk of electrostatic discharge. The PTFE liner ensures very low friction, non stick flow, and minimal pressure loss, while the tight bending radius enables easy installation in confined or complex routing environments. Suitable for the transfer of corrosive chemicals, food ingredients, and pharmaceutical products. The hose offers extreme flexibility, excellent ageing resistance, low maintenance, and complete chemical inertness, ensuring long service life under continuous mechanical, thermal, and chemical stress. Its anti static PTFE construction makes it ideal for applications requiring process safety, ATEX compliance, and protection against ignition sources.

LINER

- PTFE, black anti-static, light 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 3:1

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"	1,6	9,9	172	-	18	0,140	20
DN08 - 5/16"	2,2	12,9	138	-	20	0,160	20
DN10 - 3/8"	2,2	14,5	138	-	20	0,152	20
DN12 - 1/2"	2,6	19,2	103	-	25	0,253	20
DN16 - 5/8"	3,0	24,0	83	-	51	0,304	20
DN20 - 3/4"	2,5	27,0	69	-	64	0,374	20
DN25 - 1"	3,0	36,10	46	-	89	0,543	20
DN32 - 1.1/4"	4,0	41,30	34	-	125	0,635	20
DN40 - 1.1/2"	4,0	49,00	30	-	152	0,840	20
DN50 - 2"	5,0	62,30	23	-	200	1,000	20

Technical data at 20°C