

A red line graphic resembling an ECG or heartbeat, positioned above the product title.

PTFE ANTISTATIC TUBING

PTFE is known for excellent insulation properties. In some applications static charge can become a problem. Optinova is therefore offering PTFE antistatic tubing with higher conductivity. These improvements are made by filling the PTFE with a certain amount of a conductive filler such as carbon black.

Optinova's antistatic PTFE tubes are manufactured from FDA approved PTFE, mixed with less than 2.5% of "high purity" carbon black compliant with FDA 21 CFR 178.3297.

Optinova's antistatic PTFE tubing meets the requirement regarding resistivity of EN 12115.

Dimensions: Optinova produces metric and imperial sizes. Special dimensions can be made upon request. Random production length is standard but fixed length and cut pieces can be supplied upon request.

General properties

Color:	Natural black
Upper service temperature:	260 °C
Chemical resistance:	Excellent
Specific gravity:	2.15
Melting point:	327 °C
Water absorption:	< 0.01 %
Water resistance:	Excellent
Resistivity:	<106 ohm.cm
Oxygen index:	> 95 %
Flammability:	UL94 V-0
PTFE: USP Class VI material:	Upon request

Usage manual for Coltex® Sealings:

1. Choose the right width according to table above
2. The surfaces you want to seal should be clean, free of all fat or oil particles and dry
3. Remove the cover for the adhesive tape (if supplied)
4. Put Coltex® on the surfaces and start at a screw hole
5. Cross-over the endings of the Coltex® and let the ends overlap about 2–3 cm
6. Cut the overlapping parts
7. Tighten the screws in 2–4 attempts crosswise

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Standard sizes are available in:

Strap Dimension (mm)	String (round) Diameter (mm)
3,0 x 1,5	2.0
5,0 x 1,0	4.0
5,0 x 2,0	4.5
5,0 x 5,0	5.0
6,0 x 2,5	6.0
6,0 x 4,0	8.0
7,0 x 2,5	10.0
7,0 x 5,0	
8,0 x 8,0	
8,3 x 5,0	
10,0 x 3,0	
10,0 x 6,0	
10,0 x 7,0	
12,0 x 4,0	
12,0 x 6,0	
14,0 x 5,0	
17,0 x 6,0	
18,0 x 3,0	
20,0 x 3,0	
20,0 x 7,0	
22,0 x 8,0	