

A red line graphic resembling a heartbeat or ECG, starting from the left edge and extending across the page.

COLTEX[®] EXPANDED PTFE (E-PTFE)

Coltex[®] is a high performance packing cord in expanded **PTFE**.

Coltex[®] offers the unique properties of PTFE in a soft yet durable sealing product. It is versatile in its ability to conform to irregular sealing surfaces with high loads of pressure. It has outstanding properties for the sealing of flanges, pipes, containers or other surfaces.

Coltex[®] is available as sealing tape or as string (round). Optinova has raw materials available with FDA and/or USP Class VI approval upon request.

General:

- Low coefficient of friction
- Temperature range -250°C to +270°C
- Non flammable
- Non smoking
- Inert against all chemicals
- Melting point +327°C
- Non aging non sticking
- Self lubricating
- Available with or without adhesive tape

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

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

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	