

CHAMPION® TAPE

PTFE THREAD SEAL TAPE



Zero Leakage – Clean & Effective

CHAMPION® PTFE Thread Sealant Tape, due to the special nature of the thread seal will be lasting and resistant to high temperatures and corrosive chemicals.

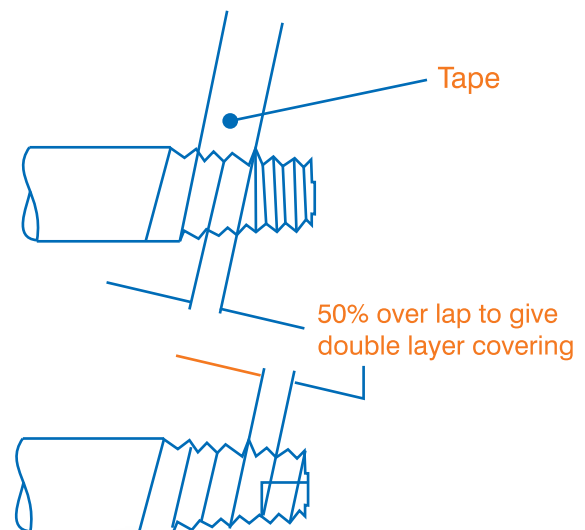
The seal will not harden or become brittle but will remain flexible enough when the seal is opened for maintenance.

CHAMPION® PTFE Thread Sealant Tape can be used for various media from corrosive chemicals to water and gas to oil, in hydraulics and pneumatics.

Thread Wrapping Method

Instructions for proper usage:

- Wind the tape by hand, using a constant minimal tension sufficient for the tape to take up the form of the thread.
- The tape should be wound in a helical fashion with a 50% overlap (as shown in the diagram) in the direction of the thread so that when the connection is completed the finishing end of the tape remains in position.
- The tape width should not exceed the length of the thread form.



PRODUCT INFORMATION



Subject: Champion® Tapes High Density PTFE tape for the Thread Sealing

Description: Champion® Polytetrafluoroethylene (PTFE) plastic tape used primarily as a thread sealer.

Operating Parameters:

Pressure: up to 20 bar (2.0 MPA)

Temperature Range: -374°F to +536°F (-190°C to +280°C)

Thread Range: 1/8" to 3" NPT, BST, Metric

Threaded Parts Material: Suitable for all metal and plastic fittings.

Chemical Resistance: Extreme resistance to most chemicals, corrosives, caustics, oils, solvents and gases.

Approved for use: Food handling equipment, water, gas and biological systems.

Physical Properties:

Color: Natural (white) non-pigmented

Purity: 99.9% minimum virgin PTFE

Toxicity: Non-Toxic

Shelf Life: Indefinite

Density: > 0.60 g/cm³

Tensile (longitudinal): 8N/mm²

Elongation (longitudinal): 75% min.

Product	CT-125	CT-190	CT-250
Width (+/-0.3 mm)	0.5" (12.5 mm)	0.75" (19 mm)	1" (25 mm)
Length (+/-0.175 M)	12 M (13 yards)	12 M (13 yards)	12 M (13 yards)
Density (+/- 0.10 g/cm ³)	0.6 g/cm ³	0.6 g/cm ³	0.6 g/cm ³
Thickness (+/-0.0075 mm)	0.075mm	0.075mm	0.075mm
Colour (Spool/Case)	White/Red	White/Blue	White/Green

Champion® PTFE Thread Seal Tapes are stringently checked by our Quality Control Department to ensure that we meet your expected quality and specifications.

Limited Liability:

The information presented is in good faith, but no warranty is given nor are the results guaranteed. Since we have no control over the physical conditions surrounding the application of information herein contained, Champion® disclaims any liability for untoward result

CHAMPION SEALS INDIA PVT. LTD.

Champion Building, First Floor, 15/18 Parsee Panchayat Road, Andheri (E), Mumbai - 400 069.

E-mail: info@championseals.in | Website: www.championseals.in

Customer Care: +91-9820171162/+91-9870081199