

# TT SERIES - PTFE THREAD SEAL TAPE

## STANDARD PTFE THREAD SEAL TAPE

Standard PTFE (polytetrafluoroethylene) thread seal tape can be used for potable and non-potable water, most chemicals, oxygen, gas, and hydraulic and high-pressure lines.

- Temperature Range: -450 to 500 °F (-268 to 260 °C)
- Pressure Rating: 261PSI (1800kPa), do not exceed the recommended max pressure rating of the fitting manufacturer.
- Thickness specification to MIL-T-27730A
- Elongation: 50% min., Tensile Strength: 1200 PSI min (8.3 M/mm2)
- UL Listed - meets testing requirements of UL 1321 and CAN/ULC-S642\*
- Comes packaged in sleeves of 10
- When storing avoid extreme heat or cold. Store away from UV exposure and damp conditions.

Part No.	Size	Thickness			Length		Density
		in	mil	mm	in	m	g/cm <sup>3</sup>
<b>Thread Seal Tape</b>							
TT1X520	1"	0.0035	3.5	0.09	520	13.2	0.37
TT34X520	3/4"	0.0035	3.5	0.09	520	13.2	0.35
TT520	1/2"	0.0035	3.5	0.09	520	13.2	0.35
<b>High Density Thread Seal Tape</b>							
TT1X520-DLX*	1"	0.004	4.0	0.10	520	13.2	0.64
TT34X520-DLX*	3/4"	0.004	4.0	0.10	520	13.2	0.60
TT520-DLX*	1/2"	0.004	4.0	0.10	520	13.2	0.60



## SPECIALTY PTFE THREAD SEAL TAPE

Specialty PTFE thread seal tape is thicker than standard PTFE tape and has a higher density. They are color coded for specific applications.

- Temperature Range: -450 to 500 °F (-268 to 260 °C)
- Pressure Rating: 300 PSI minimum, do not exceed the recommended max pressure rating of the fitting manufacturer.
- Thickness specification to MIL-T-27730A
- Length: 260 in (6.6 m)
- Chemically inert, non-flammable, and unlimited shelf life (<70 °F recommended)
- When storing avoid extreme heat or cold. Store away from UV exposure and damp conditions.
- Incompatibility: Avoid using with molten Alkali, certain Halogen products and Fluorine at high temperatures and pressures.



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INDUSTRIES

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For more information on installation, adjustment, repair & operation visit Boshart Knowledge Base at [SUPPORT.BOSHART.COM](http://SUPPORT.BOSHART.COM)



## TT260-GAS - Yellow Gas Line Thread Seal Tape

For all types of gas lines including natural gas, propane, and butane lines. Thicker and denser than standard PTFE tapes. This tape is certified up to 300 PSIG gas service.

- Colour: Yellow
- Minimum 99.5% PTFE, maximum 0.5% pigment
- Thickness: 4.0 - 4.5 MIL (0.004 - 0.0045 inches, 0.1016 - 0.1143 mm)
- Density: 1.5 - 1.6 g/cm<sup>3</sup>
- Elongation: 50% min., Tensile Strength: 1200 PSI min. (8.3 M/mm<sup>2</sup>)
- Approvals: UL Listed, CID A-A 58092, OSHA GHS, RoHS Compliance



## TT260-OXY - Green Oxygen Thread Seal Tape

For all oxygen applications, manufactured grease free. Will not support combustion.

- Colour: Green
- Minimum 99.5% PTFE, maximum 0.5% pigment
- Thickness: 3.5 - 4.0 MIL (0.0035 - 0.004 inches, 0.0889 - 0.1016 mm)
- Density: 0.8 - 1.5 g/cm<sup>3</sup>
- Elongation: 100% Nominal, Tensile Strength: 1200 PSI min. (8.3 M/mm<sup>2</sup>)
- Approvals: UL Listed, OSHA GHS, RoHS Compliance



## TT260-PHD - White Premium Thread Seal Tape

For all industrial applications including water, oil, chemical, medical, and food processing where non-contamination standards are high.

- Colour: White
- CAUTION: When heated over 260 °C, this tape will thermally degrade and decompose producing toxic fumes.
- Minimum 100% PTFE
- Thickness: 3.0 - 3.5 MIL (0.003 - 0.0035 inches, 0.0762 - 0.0889 mm)
- Density: 0.85 - 1.0 g/cm<sup>3</sup>
- Elongation: 100% min., Tensile Strength: 1200 PSI min. (8.3 M/mm<sup>2</sup>)
- Approvals: UL Listed, FDA compliant to 21 CFR177.1550 and meets Gov. Spec A-A-58092, OSHA GHS, RoHS Compliance



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## TT260-PP - Pink Plumber's Thread Seal Tape

Extra heavy for plumbers and pipe fitters. May be used on all threaded fittings to ensure leak free joints.

- Colour: Pink
- Minimum 99.5% PTFE, maximum 0.5% pigment
- Thickness: 3.5 - 4.0 MIL (0.0035 - 0.004 inches, 0.0889 - 0.1016 mm)
- Density: 0.8 - 1.5 g/cm<sup>3</sup>
- Elongation: 100% Nominal, Tensile Strength: 1200 PSI min. (8.3 M/mm<sup>2</sup>)  
Approvals: UL Listed, OSHA GHS, RoHS Compliance



## TT260-SS - Gray Stainless Steel Thread Seal Tape

Engineered for all stainless steel fittings to deliver a premium finish that reduces exposure. Also compatible with piping materials including but not limited to, galvanized steel, iron, brass, copper, polyethylene, polypropylene, PVC & CPVC.

- Colour: Gray
- Minimum 99.5% PTFE, maximum 0.5% pigment
- Thickness: 3.5 - 4.0 MIL (0.0035 - 0.004 inches, 0.0889 - 0.1016 mm)
- Density: 0.8 - 1.5 g/cm<sup>3</sup>
- Elongation: 100% Nominal, Tensile Strength: 1200 PSI min. (8.3 M/mm<sup>2</sup>)  
Approvals: UL Listed, OSHA GHS, RoHS Compliance



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