



PTFE Tape Product Information

Subject: “Thred Tape” - Full Density PTFE tape for the “Thred Taper”

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

Operating Parameters:

Pressure: up to 10,000 PSI

Temperature Range: -450°F to +550°F (-232°C to +290°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, oxygen, and biological systems

Physical Properties:

Color	Natural (white) Non-pigmented
Purity	99.9% minimum virgin PTFE
Toxicity	Non-Toxic
Shelf Life	Indefinite
Density	Full Density
Tensile (longitudinal)	700 psi min. 1900 psi max.
Elongation (longitudinal)	75% min.

Product	MT16	MT14	MT15	MT17	MT22	MT23
Width (+/-0.0118")	0.1875"	0.25"	0.375"	0.5"	0.5"	0.75"
Length (+/-3.5%)	50 yards	95 yards	95 yards	95 yards	165 yards	250 yards
Density (+/- 0.10 g/cm ³)	1.5 g/cm ³	1.5 g/cm ³	1.3 g/cm ³	1.3 g/cm ³	1.3 g/cm ³	1.3 g/cm ³
Thickness (+/-0.0003")	0.0033"	0.0033"	0.0033"	0.0033"	0.004"	0.004"

US Federal Specification: Fed Spec A-A-58092 (supersedes MIL-T-27730A)

UL Listing: for use on devices handling Gasoline, Petroleum Oils, Natural Gas, Propane and Butane

NSF Approval: Approved by numerous suppliers for use on Potable Water Systems

FDA: Complies with Regulation 21-CFR 177.1550

USDA: Approved for use in direct contact with Meat, Poultry and Dairy Product applications

BAM test report: Safe Handling for Oxygen

DIN-DVGW: (German Technical and Scientific Association for Gas and Water) Type Examination Certificate

EU Regulation: Complies with EC 10/2011 and EC 1935/2004 on materials and articles intended to come in contact with food.

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