



MILL-ROSE

PTFE Thread Sealants & Specialty Chemicals

Stainless Steel Pipe Thread Sealing Tape

Mill-Rose Stainless Steel Thread Sealing PTFE Tape is a unique thread sealing tape which prevents stainless steel fittings from galling or seizing during assembly and disassembly. The tape is thicker and denser than most tapes. The added thickness and density also ensures an effective seal up to 12,000 PSI. Do not use on Oxygen systems - See Green Oxygen Tape in this section.



Applications: Stainless steel pipe systems, including joints and connections, bolts, nuts, valves, flanges, studs, threaded fittings, bushings, plugs and assemblies. Also used for protection from corrosion, seizing, galling, rust carbon fusion and galvanized pitting.

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70891	1/2" x 260" Rolls	10	100	.41 lbs.
70892	3/4" x 260" Rolls	6	60	.51 lbs.
70893	1" x 260" Rolls	6	60	.82 lbs.

Specifications:

Composition: 90% PTFE/10% nickel
Color: Silver
Thickness: 0.0045" +/-10% (0.115mm +/-10%)
Density: 1.6g/cm³ +/-10%
Elongation: 50%
Temperature range: -450°F to +500°F (-268°C to +260°C) PTFE is completely stable up to +500°F or +260°C. Decomposition is slow up to 750°F or +400°C. Decomposition will occur on contact with naked flames.
Tensile strength: 10-12N/mm²

Medium Density PTFE Thread Sealant Tape

Mill-Rose medium-density PTFE thread sealing tape designed for a broad range of applications.

Just 3 wraps is all you need for dependable, leak-proof joints on lines carrying steam, water and other liquids. This tape is also compatible with most gases, but for gas lines, Mill-Rose 3-Wrap Yellow Gas Seal Tape is recommended.



Specifications:

Composition: 100% pure virgin PTFE
Color: White
Thickness: 0.0025" +/-10% (0.0635mm +/-10%)
Density: 0.7g/cm³ +/-10%

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70988	1/2" x 260"	144	144	5 lbs.
70989	1/2" x 520"	144	144	6 lbs.
70990	1/2" x 1296"	144	144	11 lbs.
70991	3/4" x 260"	144	144	7 lbs.
70992	3/4" x 520"	144	144	9 lbs.
70993	3/4" x 1296"	144	144	16 lbs.
70994	1" x 260"	144	144	10 lbs.
70995	1" x 520"	144	144	12 lbs.
70996	1" x 1296"	144	144	22 lbs.

Elongation: >50%
PSI rating: 10,000 PSI (69,000 kPa) water and oil
Temperature range: -450°F to +500°F (-268°C to +288°C) PTFE is completely stable up to +500°F or +288°C. Decomposition is slow up to 750°F or +400°C. Decomposition will occur on contact with naked flames.
Tensile strength: 1000 PSI

Standard Quality White Thread Sealant Tape

Just because it is white, do not confuse Mill-Rose Better Quality PTFE Sealant Tape with the cheaper, stretched white tape currently on the market as a commodity. Unlike those stringy, flimsy tapes, that are stretched razor thin before you get them, Mill-Rose Standard Quality Thread Seal Tape is sixteen percent (16%) thicker and certified to comply with the provisions of MilSpec MIL-T-27730A.

Specifications:

Composition: 100% virgin PTFE
Color: White
Thickness: .003 +/- 10%
Density: 0.6g/cm³ +/- 10%
Elongation: More than 50%
PSI rating: 3000 PSI (68.95 mPa)
Temperature range: -450°F to +500°F (-268°C to +260°C)
Combustion: Does not support combustion
Shelf Life: Indefinite



Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70193	1/2" x 100"	10	1000	.07 lbs.
70190	1/2" x 260"	10	1000	.17 lbs.
70200	1/2" x 520"	10	1000	.34 lbs.
70202	1/2" x 1,296"	50	520	4.24 lbs.
70195	3/4" x 260"	6	600	.15 lbs.
70196	3/4" x 520"	6	600	.30 lbs.
70806	3/4" x 1296"	50	336	5.64 lbs.
70203	1" x 260"	6	600	.16 lbs.
70209	1" x 520"	6	600	.32 lbs.
70807	1" x 1296"	50	336	6.75 lbs.

Display Packaging - White PTFE Thread Seal Tape

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70204	1/2" x 100" - 40 Pk.Counter Dspl	1	4	1.2 lbs.
70207	1/2" x 260" - 40 Pk.Counter Dspl	1	4	1.4 lbs.
70208	1/2" x 520" - 40 Pk.Counter Dspl	1	4	1.6 lbs.
70191	1/2" x 260" - Carded	10	50	.71 lbs.