PTFE Tapes & Thread Sealants

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/cm^3 +/-10%

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

Elongation: >50%
PSI rating: 10,000 PSI (69,000 kPa) water and oil
Temperature range: -450^{0}F to +500^{0}F (-268^{0}C to +288^{0}C) PTFE is completely stable up to +500^{0}F or +288^{0}C. Decomposition is slow up to 750^{0}F or +400^{0}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/cm^3 +/- 10%
Elongation: More than 50%
PSI rating: 3000 PSI (68.95 mPn)
Temperature range: -450^{0}F to +500^{0}F (-268^{0}C to +260^{0}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"	8	800	.15 lbs.
70196	3/4" x 520"	8	800	.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.	Wgt./Pkg.
70204	1/2" x 100" - 40 Pk.Counter Dspl	1	1.2 lbs.
70207	1/2" x 260" - 40 Pk.Counter Dspl	1	1.4 lbs.
70208	1/2" x 520" - 40 Pk.Counter Dspl	1	1.6 lbs.
70191	1/2" x 260" - Carded	10	.71 lbs.

PTFE Cord Packing

This self-forming, self-lubricating, non-toxic cord packing is made of 100% pure PTFE. It is resistant to most liquids and gases. PH range from 0 to 14. Temperature range from -450˚F to +450˚F. PSI range is 1500 to 3000.

Typical applications include valve packing, rotating and reciprocating shafts, pump shafts and large-diameter thread sealing.

PTFE Cord Packing - Dispenser Pack

Cat #	Size	Ft. per Pkg.	Std. Pkg.	Wgt./Pkg.
70290	3/32"	40	1	1.00 lbs.
70300	1/8"	30	1	1.00 lbs.
70302	3/16"	16	1	1.00 lbs.
70304	1/4"	10	1	1.00 lbs.

PTFE Cord Packing - Display Handy Pack

Cat #	Size	Ft. per Pkg.	Std. Pkg.	Wgt./Pkg.
70326	3/32"	4	5	.50
70306	1/8"	4	5	.50
70308	3/16"	4	5	.50
70310	1/4"	4	5	.50