

PTFE Thread Sealants & Specialty Chemicals

Green Full-Density Oxygen Thread Seal Tape

Mill-Rose Full-Density Green Thread Seal Tape is over five times heavier than common sealing tapes so you can use it and never worry about contaminating systems. Because it is degreased; it has no residual lubricant, unlike common tapes made with petroleum as a lubricant. Specifically developed for oxygen installations, Green thread seal tape is both safe and reliable to use; it is chemically inert and won't support combustion.



Applications: Oxygen lines, systems and other flammable environments. Also may be used on most liquid, oil and chemical installations.

Oxygen sealant tape is a degreased version of Gas Seal Tape. Meets MilSpec T-27730A (A-A58092) and has the approval of most gas companies: AIRCO (USA), British Oxygen Co. (UK), CANOX (Canada), Commonwealth Ind. Gases (Aus.) and Air Liquid (France).



Reference Mill-Rose specification sheet for additional uses and applications.

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70850	1/2" x 260" Rolls	10	100	.40 lbs.
70852	3/4" x 260" Rolls	6	60	.30 lbs.
70854	1" x 260" Rolls	6	60	.50 lbs.

Display Packaging - Green PTFE Thread Seal Tape

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70861	1/2" x 260" 10 Pk. Dispenser	1	10	.60 lbs.
70862	3/4" x 260" 6 Pk. Dispenser	1	10	.71 lbs.
70863	1" x 260" 6 Pk. Dispenser	1	10	.89 lbs.
70865	Wire Rack Display	1	10	.25 lbs.

Specifications:

Composition: 99.6% PTFE <0.4% pigment
Color: Green
Thickness: 0.0045" +/-10% (.0115mm +/-10%)
Density: 1.5g/cm³ +/-10%
Elongation: >100%
Pressure rating: Mill-Rose Green Oxygen Tape has been used regularly on oxygen fittings at pressures up to 2,173.9PSI or 15,000kPa. Note: Pressure ratings are relative to the quality and torque of the fittings and the amount of tape used.
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. Although decomposition will occur on contact with naked flames.
Tensile strength: 9-13N/mm²

Copper-Filled PTFE Tape for Anti-Seize Thread Sealing

A clean copper based, high-temperature, anti-seize material for protection from corrosion, seizure, galling, rust carbon fusion, galvanic pitting. The copper acts like ball bearings. This tape maintains its elasticity where temperatures reach as high as 500°F-direct flame. Meets UL requirements for seal tests.



Applications: Bolts, studs, threaded fittings and couplings, valve shafts, cylinder heads, manifolds and any other connection in a hostile environment (boilers, ovens, exhaust manifolds, hot water storage tanks, pumps, burner assemblies, turbo charger fittings, etc.)



Do not use on oxygen systems.

Reference Mill-Rose specification sheet for additional uses and applications.

Cat #	Description	Std. Pkg.	Master Pkg.	Wgt./Pkg.
70800	1/2" x 120" Rolls	10	100	.22 lbs.
70811	1/2" x 600" Rolls	10	100	1.14 lbs.
70805	3/4" x 120" Rolls	6	60	.44 lbs.

Specifications:

Composition: 90% PTFE/ 10% Copper
Color: Copper
Thickness: 0.0045" +/-10% (0.115mm +/-10%)
Density: 1.5g/cm³ +/-10%
Elongation: >100%
Temperature range: The tape is completely thermally stable at temperatures between -450°F to +500°F (-268°C to +260°C) PTFE in the tape will slowly decompose up to 750°F or 400°C. Decomposition will occur on contact with naked flames. Upon decomposition, the remaining copper powder will assist disassembly. The copper flake will melt at 1981°F or 1083°C
Tensile strength: 9-13N/mm²