

800



GOLDEND® TAPE

Description

Chesterton® 800 GoldEnd® Tape is a high density, moldable, dry PTFE thread sealing tape. It is a heavy duty, tear-resistant product containing more PTFE per inch than virtually any thread sealing tape on the market today.

Chesterton 800 GoldEnd Tape is chemically inert and seals most types of threaded metal and plastic pipes and bolts. It is nonreactive with steam, water, air fuels, refrigerants, acids, alkalies, all solvents, and gases including hydrogen, oxygen, ammonia, propane, butane, and nitrogen. For nitric or mixed acid services, factory should be consulted.

Chesterton 800 GoldEnd Tape is non-hardening and stays pliable without the breakage seen in other PTFE containing tapes. It places a slippery layer of PTFE between mated threads which remains flexible and resists vibration. Connections that might otherwise be destroyed are saved for reuse as tape eases disassembly. Slippage is minimized during application as deep penetration of threads is possible with the soft malleable tape. Joints can be adjusted 90° or more without a leak.

Chesterton 800 GoldEnd Tape is packaged in rugged easy-to-carry spools which protect the tape from dirt and contamination. It is available in a variety of spool sizes and widths that can be easily carried in a tool case or tool belt.

Composition

Chesterton 800 GoldEnd Tape is quite different from most PTFE containing tapes on the market today.

Many competitive products use PTFE simply as an incidental additive; in 800 GoldEnd Tape it is the primary ingredient, comprising 100% of the total product.

Typical Physical Properties

Color	Light Yellow
Thickness	0.09 mm
Specific Gravity 20°C (68°F)	1.3
Tensile Strength	84-141 kg/cm ²
Temperature Range	-240°C to 260°C (-400°F to 500°F)
Pressure Testing:	
Liquid Oxygen	300 Bar, 305 kg/cm ² (4350 psi)
Gaseous Media (Nitrogen)	172 Bar, 176 kg/cm ² (2503 psi)
Fluids (Oils)	690 Bar, 703 kg/cm ² (10,000 psi)

PTFE is well known for its excellent chemical resistance and temperature range. When competitive tapes fail it is not due to the PTFE, but rather the fact that there is not enough of it in the tape. These other tapes are of extremely low density. Chesterton 800 GoldEnd Tape has 3.5 times the density of most "pure PTFE" tapes. The result is a thread sealing tape that consistently performs with minimum wraps.

The unique golden color of Chesterton 800 GoldEnd Tape is an end-user's best assurance that he is using a product manufactured to tight Chesterton quality specifications which contains the highest amount of pure PTFE possible in a thread sealing tape.

Applications

Use Chesterton 800 GoldEnd Tape as a non-hardening, dry thread sealant for most liquids, gases, pneumatic and hydraulic fittings. Prevents bolts and fittings from seizing up to 260°C. Seals all plumbing and most industrial piping threads.

Features

- UL Listed - U.S. and Canada
- Meets MIL-T-27730A
- Conforms to FDA 21CFR 177.1615 Acceptable for oxygen use.
- DVGW Approval No. 96.01e907
- Non-aging. Non-hardening.
- High density, resists tearing
- Chemically resistant, pH 0-14
- NSF H1, P1 - Registration number 134016
- Oxygen tested per ISO 10297 and ISO 11114-3 per Air Liquide
- BAM tested, Oxygen Certified to 100°C Bundesanstalt fuer materialforschung. Ref. No. 11.1/46 513

Benefits

- Stays pliable
- Always ready to use
- Requires fewer wraps
- Resists tearing and breakage
- Won't clog fuel lines

Directions

Wind tightly around threads 1 to 1 1/2 times in direction pieces will be screwed together. Start winding at open end of thread to prevent unwinding. One thickness is usually sufficient to fill all voids and make an effective seal.

Safety

Before using product, review the Material Safety Data Sheet (MSDS) or the appropriate safety sheet for your area.

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