

Chesterton 850 Premium Sealing Tape

Category : Polymer , Tape , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Description: Chesterton® 850 Premium Sealing 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 850 Premium Sealing Tape is chemically inert and seals most types of threaded metal and plastic pipes and bots. 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 850 Premium Sealing 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 for threads is possible with the soft malleable tape. Joints can be adjusted 90° or more without a leak. Chesterton 850 Premium Sealing Tape is packaged in rugged easy-to carry- spools which protect the tape of dirt and contamination

Features: UL Listed - US Canada Meets MIL-T-27730A Meets USDA requirements for incidental food contact Conforms to FDA 21 CFR 177.1615 Acceptable to oxygen use Non-aging Non-Hardening High density Chemically resistant

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

Applications: Use Chesterton 850 Premium Sealing Tape as a non-hardening, dry thread sealant for most liquids, gases, pneumatic and hydraulic fittings. Prevents bolts and fittings from seize up to 260°C. Seals all plumbing and most industrial piping threads

Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-850-Premium-Sealing-Tape.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	
Thickness	7.50 microns	0.295 mil	ASTM D374

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	5.52 MPa	800 psi	Longitudinal; ASTM D882

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-240 °C	-400 °F	

Descriptive Properties	Value	Comments
Color	White	
Pressure Testing	>2500 psi	
	10000 psi	Hydraulic

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