



## **Nickel-Filled PTFE Thread Sealant Tape for Stainless Steel Service**

**Technical Data (rev. 0; 2/6/13)**

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### **Description**

Our Nickel-filled PTFE Thread Sealant Tape is a thick, premium-density tape that permits quick, clean sealing of threaded stainless steel pipe connections. Its PTFE base provides natural lubrication of the joint, while its nickel filler prevents galling of the threads which is common in stainless steel assemblies. At 4-mil thick, it is the ideal solution for sealing stainless steel threaded joints. The tape also contains a grey pigment for easy identification, and distinguishes it from lower density, general purpose thread sealant tapes.

### **Technical Data**

#### General Specifications

Service	Stainless Steel piping; compatible with all petroleum oils and fuels, water, steam, air
Composition	PTFE (polytetrafluoroethylene) resin, with Nickel filler and grey pigment for coloring
Color	Grey
Density	1.2-1.4 g/cc
Thickness	4.0 mil nominal
Widths	1/2", 3/4", 1"
Maximum Pipe Size	2"
Pressure Range	Full Vacuum to 10,000 psi
Temperature Range	-450°F to 550°F
Miscellaneous Properties	No Age Deterioration Non-Toxic Non-Absorbent Non-Flammable Self-Lubricating Unlimited Shelf Life
Certifications	
MIL-SPEC	MIL-T-27730A
Country of Manufacture	USA