



# POLY-TEMP<sup>®</sup> XHD, SSG STAINLESS STEEL GRADE PTFE TAPE

[WWW.ANTISEIZE.COM](http://WWW.ANTISEIZE.COM)

## Product Description

POLY-TEMP<sup>®</sup> SSG XHD is our specially designed thread seal tape for Stainless Steel pipe joints. Stainless Steel is often difficult to seal because of the hardness of the metal which would tear through conventional thread seal tapes.

Our POLY-TEMP<sup>®</sup> SSG XHD is a high density PTFE Thread Seal Tape combined with Nickel powders and has been designed to withstand the difficult and demanding requirement needed to effectively seal Stainless Steel joints. It provides extra protection from seizing and galling during assembly and disassembly.

POLY-TEMP<sup>®</sup> SSG XHD stops threaded connections from rusting or seizing together. The high lubricity of PTFE lubricates the parts during assembly and provides a physical barrier between the two mating surfaces of the connection. The Nickel fillers provide barrier to rust and corrosion in extreme environments.

POLY-TEMP<sup>®</sup> SSG XHD provides the means to apply and control a precise amount of lubrication while maintaining a clean, non-greasy assembly.

## Features & Benefits.

- The combination of PTFE along with Nickel Powders provide the ultimate protection from oxidative chemicals and protects against rust and corrosion
- UL recognized component
- Ideal for all taper thread connections
- PTFE's high lubricity makes for easy assembly
- Only 3 wraps need for most applications
- Chemically inert
- Excellent Pipe Thread Sealant up to 550°F ( 287°C)
- Nickel filler can withstand temperatures up to 2,600°F ( 1,426°C)
- Pressures up to 10,000psi (Liquid), 2,000psi (Gas)
- Connections can be put into service right away, no dry time
- Never dries out and an unlimited shelf life.
- Meets MIL-T-27730A
- Extremely versatile.
- Excellent resistance to most chemicals

## Typical Properties

Property	Value
Color	Nickel Colored
Specific Gravity	1.2 – 1.5
Toxicity	Non-toxic
RoHS 3	Compliant

## Cautions

Read all information on labels and Safety Data Sheets prior to use. All products should be tested and evaluated for a particular purpose prior to use.

**Not suitable for use in oxygen systems.** For oxygen applications use Poly-Temp<sup>®</sup> XHD or Poly-Temp<sup>®</sup> Gas XHD.

**⚠ WARNING:** This product can expose you to Nickel which is known to the State of California to cause cancer. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

## Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

## Available In:

**Size:** 1/2" x 260", 1/2" x 260" counter display  
**P/N:** 46231 46231A

POLY-TEMP<sup>®</sup> IS A REGISTERED TRADEMARK OF ANTI-SEIZE TECHNOLOGY