

Thread Seal Tape



1. Scope

This standard covers the requirements for thread seal tape.
This standard applies to the Seattle City Light (SCL) Stock No. 736690.

2. Application

Thread seal tape is used to seal all types of threaded joints. It prevents leaks and allows the joints to be easily disassembled if needed.

Thread seal tape is also known as PTFE tape, Teflon tape, or plumber's tape.

Seals thread joints on pipes made of a variety of materials from plastic, glass, copper, brass, aluminum, steel, iron.

3. Industry Standards

Thread seal tape shall meet the applicable requirements of the latest revision of the following industry standards:

Commercial Item Description CID-A-A-58092; Tape, Antiseize, Polytetrafluoroethylene

Military Specification MIL-T-27730A; Tape, Antiseize, Polytetrafluoroethylene, with Dispenser

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4. Requirements

Thread seal tape shall have the following attributes:

Description	Requirement
Backing material	Extruded Polytetrafluoroethylene (PTFE)
PTFE Purity, minimum	99 %
Thickness, minimum	3.5 mil
Density, minimum	1.2 gram/cubic centimeter
Application temperature range	-65F to 300F (-54C to 149C)
Color	White
Length per roll	260 in
Width, nominal	1/2 in
Packaging	Plastic spool in snap on case
Safety	Non-toxic

5. Packaging

Thread seal tape shall be packaged to prevent damage during shipping, handling, and inside storage.

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- SCL stock number
- Quantity

Each shipping container shall be legibly marked with the following information:

- SCL purchase order number

6. Issuance

Stock Unit: RL

7. Approved Manufacturers

Manufacturer Part No.					
Nitto	Oatey	Anti-Seize Technology	AA Thread Seal Tape, Inc.	ALACO Industrial Products, Inc.	MERCO Tape
P-412	31199	26130	40031C	S260	M77

8. Sources

Anti-Seize Technology Technical Data Sheet, Low Density PTFE Thread Seal Tape, P/N 26100 Series; August 2007

Nitto Product Data Sheet, P-412 Ribbon Dope Thread Sealant, PDS-P-412-14; January 2014

Oatey Technical Specification, White Thread Seal Tape with PTFE, K-22; October 2015

Shetab, Muneer; SCL Standards Engineer, originator, and subject matter expert for 7585.25.

Stock Catalog page 75-3; August 14, 2015

www.nittousa.com

www.oatey.com

www.aathread.com

www.antiseize.com

www.mercotape.com