P-412 RIBBON DOPE THREAD SEALANT

GENERAL DESCRIPTION

P-412 is easy to use and safe to handle. This ribbon dope is not extruded with air and has a higher density.

FEATURES

- Joints sealed with RIBBON DOPE can be disassembled quickly and economically.
- Completely inert to virtually all known acids, alkalies, and caustics.
- Prevents corrosion when threaded fittings of dissimilar metals are jointed.
- Non-toxic - cannot affect food, pharmaceuticals, fuels, or petrochemicals.
- Effective over a wide temperature range: from -450°F to +500°F.
- Non-hardening and permanently self-lubricating.
- Packaged on a plastic spool in an easy-to-use snap case. Keeps thread sealant dust-free, and protects it from damage in tool cases, shop drawers.

PRODUCT CONSTRUCTION

Extruded PTFE

APPLICATION

- High density/high specific gravity...non-expanded tape.
- A ribbon of 3.5 mil-thick PTFE designed for: **sealing threaded joints** on pipes made of glass, plastic, black iron, carbon steel, copper, grass, aluminum, saran, galvanized metal, stainless, steel; **sealing high-pressure lines** carrying steam, butrigen, or freon; **sealing connections** in a variety of hydraulic pumps, lifts and systems, pneumatic tools and equipment, compressed air and gas equipment; **preventing leaks** in refrigeration, heating or cooling system lines; and, **anti-seize sealing.**
- Also recommended for use on all forms of threaded joints, such as bungs, water meter and flow meter connections, cylinder head studs, and electrical conduit joints.

PROPERTIES

Backing Material	Extruded PTFE – 100% density	
Color	White	
	Imperial	**Metric**
Total Tape Thickness	3.5 mils	0.088 mm
Tensile Strength Longitudinal	4 lb/in	7 N/10 mm
Tensile Strength Transverse	7 lb/in	12.3 N/10 mm
Elongation Longitudinal	90%-300%	90%-300%
Elongation Transverse	900%-1200%	900%-1200%
UL listed	407L	
Government Specifications	FAR-Part 25 Section 853, MIL-T-27730A/CID A-A-58092	

*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.

UL component Recognition Guide OANZ2, File E20392,