

Gas Seal Tape

PIPE JOINT TAPE



A superior, high density Teflon* thread sealant tape specially developed for use in the natural gas industry. It may also be used in many other hydrocarbon applications.



REASONS TO USE

1. **No mess** - Tape is unstretched after extrusion - resists shredding.
2. **No waste** - One wrap only required on a 1" or smaller pipe, never more than three wraps on larger sizes (up to 2").
3. **Indefinite shelf life.**
4. **Will not burn**
5. **Compatible** with any approved hydrocarbon piping material.
6. **No cure time**, will not harden or crack with age.
7. **Acts as a thread lubricant** - prevents galling.
8. **Unique yellow color** - clearly identifies tape as approved sealant and also indicates installation by utility personnel.
9. **AGA approved No. C3106001.**
10. Always in stock for immediate delivery.

SPECIFICATIONS

Material: P.T.F.E. (Teflon*)
Color: Yellow
Thickness: .004" + .0005" (6x thicker than typical teflon tape).
Density: 1.5 gr / cm³
Temp. Range: -450° F. to +500° F.
Max. Working Pressure: 10,000 psi when properly applied.
Available in: ¼", ½", ¾" & 1" widths
Standard Length rolls on extra large Journey Man's size

APPROVALS INCLUDE:

American Gas Association App. No. C3106001
Canadian Gas Association C3106001
Underwriters Lab Both U.S. & Canada 31RO, 1331C
Australian Gas Association 3228
Australian Liquid Petroleum Gas Assoc. 322

*Teflon is a DuPont registered trademark.



Systems Inc.

International Measurement and Control Systems

Manufacturers/Distributors of
Precision Gas Measurement Equipment

IMAC SYSTEMS, INC.

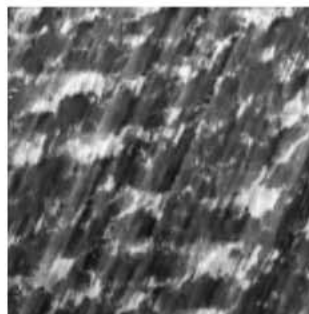
90 MAIN ST. • P.O. BOX 1605 • TULLYTOWN, PA 19007 • 1-800-955-4GAS (4427) • Tel. (215) 946-2200 • FAX. (215) 943-2984
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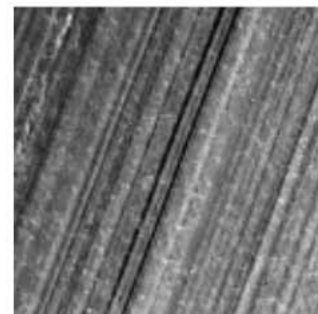
IMAC Gas Seal Tape

WHY IS IT BETTER

Low quality thread tapes are also made with Teflon but they are stretched after extrusion. The resulting product is much thinner and full of air holes as shown in the electronic microscope photographs. The thin, stretched tape shreds, requires many wraps, and the longitudinal tears permit slow seepage of odorants and distillates even though the fitting is bubble tight. **Unasco Gas Seal Tape** is unstretched and much denser, eliminating all these problems. It also maintains its natural resilience allowing it to continue sealing even when threads slightly loosen. The yellow color clearly identifies its presence.



Ordinary Teflon Tape
Voids clearly visible as splotches.
This tape was 86% void by volume



Unasco Gas Tape
No voids visible. Striations are a result of material alignment during extrusion

GAS SEAL TAPE INSTRUCTIONS

Properly installed, this tape will outperform any other comparable product in both cost and leak prevention capabilities.

1" N.P.T. OR SMALLER:

One complete wrap around thread. Tension the tape around thread with slight overlap. Leave the lead thread minimally exposed. Use 1/2" or 3/4" wide tape

1 1/4" - 2" N.P.T.:

Use 1" Tape, 2 complete wraps. Leave significant lead exposure on the first wrap. After tensioning the 1st wrap, complete the second wrap with minimal exposure of the thread lead.

Greater than 2" N.P.T.:

Use 1" Tape, 3 complete wraps. Note: Leaving the lead thread slightly exposed plus tensioning the tape tightly around the thread facilitates the threading by allowing the thicker gauge tape to track into the female thread.

NEW STAINLESS STEEL THREAD SEALING TAPE

Specifically designed for stainless steel fitting.

Teflon has been impregnated with nickel powder. This material acts like a bearing plate and helps to minimize galling and seizing from metal to metal contact.

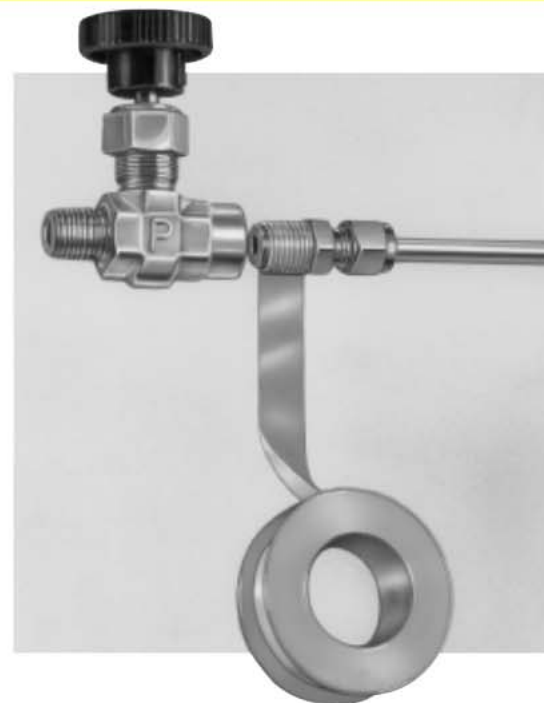
Recommended primarily for SST threads but is also compatible with galvanized steel, iron, brass, copper, aluminum and various plastics. It is particularly useful in high pressure applications where high torques are used on small fittings.

Available in 1/2", 3/4" & 1" widths

SPECIFICATIONS:

Composition:	Teflon PTFE & Nickel
Colour:	Silver
Thickness:	0.0045 in. ± 0%
Density:	0.85 g/cm ³ ± 10%
Elongation:	50%
Tensile Strength:	10 - 12 N/mm ²
Temperature Range:	-268° C to +260° C -450° F to 500° F

Maximum Working Pressure: 10,000 psi when properly applied.



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