

Unasco

[Unasco Anti-Seize Tapes](#)

[Unasco Gold \(High Density Thread Sealant For Critical Areas\)](#)

[Unasco Video Clip](#)



Category: Unasco

Group: Anti - Seize Tapes

Another new gasket product manufactured by Thermody

Anti-Seize
COPPER - NICKEL - CERAMIC
Tapes

A unique product range that protects fasteners against seizure, carbon fusion, corrosion and galvanic pitting.

The Unasco range of anti - seize tapes can be applied to fasteners to overcome unwanted seizures, breakages, repair bills and downtime. Apply by simply wrapping one layer of tape around the thread.





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Anti-Seize Tapes

COPPER • NICKEL • CERAMIC

There is now a unique range of anti - seize products available - Unasco Anti - Seize Tapes.

These tapes consist of specially formulated high temperature metallic or ceramic powders dispersed through a PTFE matrix. At low temperatures (<260°C) the PTFE provides lubricity while the powders act like bearing plates between the male and female thread surfaces. At high temperatures (>260°C) the PTFE depolymerizes depositing the high temperature powders on the thread surfaces which act as a lubricant during disassembly.



Anti-Seize Tapes

COPPER • NICKEL • CERAMIC

Significant Advantages in Aggressive Conditions

The tapes also coat and seal threads against dust, corrosive liquids and vapours and prevent fasteners from loosening during vibration and shock loading.

Unlike anti - seize pastes or compounds, Unasco anti-seize tapes are non - contaminating. They will not run, rub or squeegee off. This makes them ideal for pharmaceutical, food and beverage industries. They are also particularly effective in areas where machinery or fixtures are immersed in or washed by water or other corrosive liquids.



Anti-Seize Tapes

COPPER • NICKEL • CERAMIC

In 3 Specialist Types

Unasco **Copper** (Anti-Seize Tapes)

For general purpose anti-seize applications on most types of metal fasteners.

Unasco **Nickel** (Anti-Seize Tapes)

Particularly effective on stainless steel and aluminium.

Unasco **Ceramic** (Anti-Seize Tapes)

For areas where a metal filled tape is inappropriate.





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Temperature Ratings

Copper -268°C to 1, 186°C (-450°F to 2, 200°F)

Nickel -268°C to 1, 300°C (-450°F to 2, 400°F)

Ceramic -268°C to 1, 300°C (-450°F to 2, 400°F)

Pack Sizes

| Width | Length | Box Qty | Case Qty |
|-----------------|-------------|---------|----------|
| 12.7mm / 0.5in | 15m / 600in | 10 | 490 |
| 19.0mm / 0.75in | 15m / 600in | 6 | 294 |



Anti-Seize Tapes

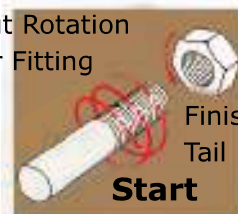
COPPER - NICKEL - CERAMIC

Tape Application

Whether the nut being fitted, or removed, is a coarse or fine thread, or has a large or close tolerance between male and female thread diameter and pitch, it is important that the thread tape is applied correctly so that it is not pushed off by the action of the nut.

Tape should be wrapped with a 50% overlap on each previous wrap.

Direction of
Nut Rotation
for Fitting

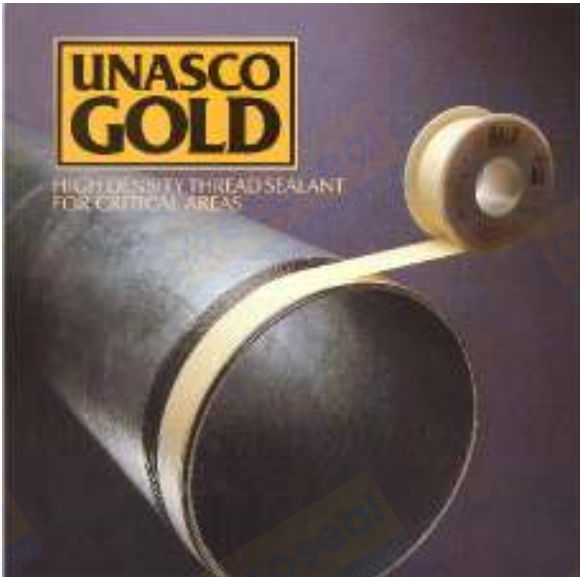




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This premium quality tape provides a positive seal with one and a half wraps. It is tough and durable, and ideally suited to applications which demand exacting standards of reliability. Gold Tape creates positive seals on threaded metal pipe joints.



Applications

- Aluminium
- Carbon Steel Pipe
- Ceramics
- Chemicals
- Corrosives
- Feon 22
- Hydraulic Fluids
- Monel
- Plastics
- Stainless Steel
- Synthetic Rubber



Features

- Commercially Packaged
- Easily Applied
- Highly Visible
- No Mess
- Long Shelf Life
- U. L. Approved in USA and Canada

- Does not Support Combustion
- Complies with Military Specifications MIL-T-27730A
- Approved for Use by Gas Utilities Worldwide
- Suitable for Use with Cyanide Service
- Specially Developed for Use in Critical Service whenever applications requiring U. L. C. Rating is Important for Insurance.





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How to Apply Gold Tape

To obtain best results when using Gold Tape, always wrap in the direction of the spiral. Begin with the second thread from the end and make two complete wraps... tight enough for the tape to conform to the thread shape. Now, press the tape firmly into the grooves and tighten the joint. Gold tape will fill all the voids and provide a sound, positive seal... every time.



Specifications

| | |
|-----------------------|---------------------------------|
| Material | Teflon* P.T.F.E |
| Colour | Gold |
| Thickness | 0.0045 inch |
| Density | Full |
| Temperature Range | Effective from - 450°F to 500°F |
| Max. Working Pressure | 2500 psig |
| Lengths | 180, 540, 1296 inch rolls |
| Widths | 1/4, 1/2, 3/4, 1 inch |



(Pipes 2 inch and over should use 3/4 inch or 1 inch tape)





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