

INSULATION PRODUCTS



- Cork Insulation Tape
- Cork-Tite
- Perma-Wrap Foam Tape
- Foam-Tite
- Thumb-Tite
- Sealing Cords
- Nu-Foam

CORK INSULATION TAPE

- Prevents sweating and condensation on lines
- Insulates against heat loss on hot lines
- Sound deadening
- Good for wrapping valves, tees, and fittings
- Continuous temperatures as low as -30°F & as high as 200°F



CORK-TITE

- More economical than our premium cork tape
- For Hot & Cold Applications
- Stops Sweating and condensation on pipes
- Service temperatures from -20°F to 200°F



Foam Tapes - General Information

- Types of Adhesives:

- **Water-Based*** = degrade when exposed to water, moisture, or condensation...sweating pipes?!?
- **Rubber-Based (Hot Melt)*** = softens at elevated temps & loses holding power, breaks down in UV, & not ideal for long-term stability
- **Solvent-Based** = Best water resistance, UV resistance, temp resistance & stability, chemical resistance & longevity (Nu-Calgon Perma-Wrap AND Foam-Tite)

*Tissues & scrims are often used with water & rubber-based adhesives as a support or method to limit the amount of stretch of the foam

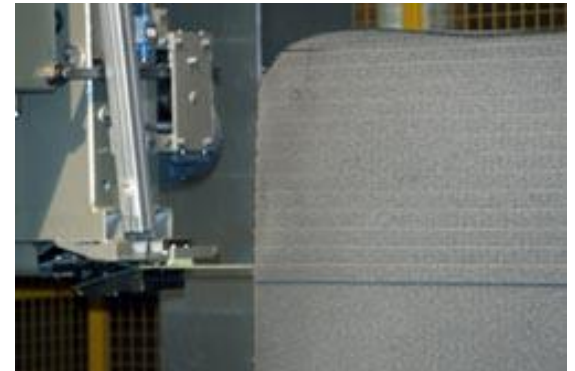
Foam Tapes - General Information

- Types of Manufacturing:

- 1) **Skived** – Thicker gauges produced in continuous rolls, then cut to desired thickness. The drawback = the thicker the product is made, the larger the cell structure becomes, resulting in a product with a very thin skin one side and a fairly large cell structure with limited tensile (or internal) strength.



- a. Skiving cuts cells open allowing moisture and air to penetrate
- b. Does not insulate as well and tends to have poor elongation



Foam Tapes - General Information

- Types of Manufacturing:

2) Closed Cell Construction – product is produced or blown to desired thickness (1/8”) with tight cell structure and internal strength

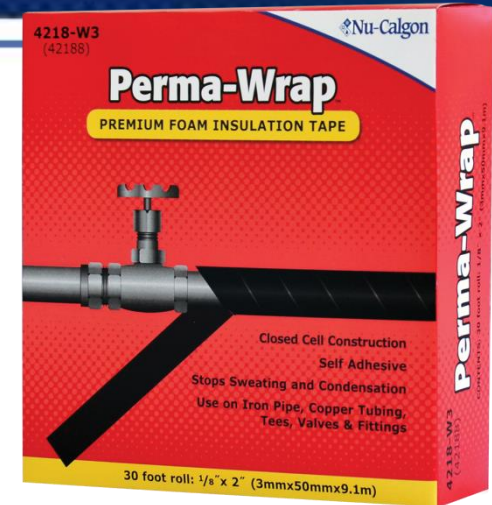


- a. Closed Cells seal out air, retarding heat transfer and moisture penetration
- b. Few have skin two sides...but **NU-CALGON Perma-Wrap** and **Foam-Tite** are!



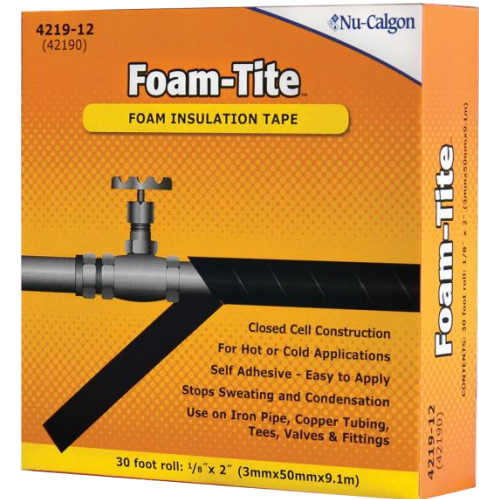
PERMA-WRAP TAPE

- Prevents sweating and condensation on cold pipes
- Insulates against heat loss
- Service temperatures as low as -20°F , high continuous 160°F , & high intermittent to 220°F
- Vinyl Nitrile tape – Rubber with a PVC binder
- Solvent-based acrylic laminate adhesive
- Closed cell construction



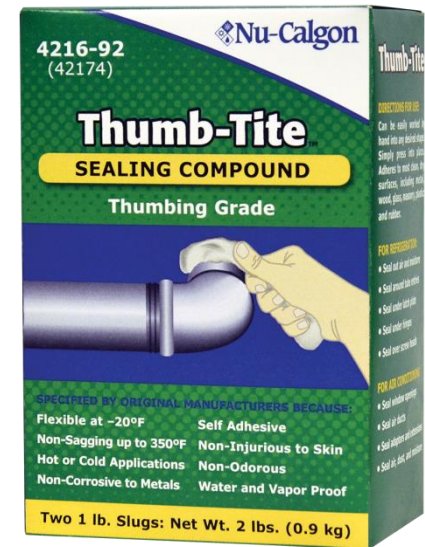
FOAM-TITE

- Economically priced tape
- Prevents sweating and condensation on cold pipes
- Insulates against heat loss on hot lines
- PVC closed cell construction
- Solvent based acrylic laminate adhesive
- Temp ranges as low as -15°F & high continuous to 160°F



THUMB-TITE

- Plug holes, cracks, & small voids
- 2 pound slug
- Excellent adhesion
- Non-staining & non-hardening
- Flexible at -20°F & non sagging at 350°F



INSULATION SEALING CORDS

- Sealing compound extruded in a 3/8" cord
- Water resistant
- Excellent adhesion
- Non-staining & non-hardening



NU-FOAM

- Expanding polyurethane prepolymer foam
- Designed to seal, fill and insulate small cracks, gaps, and voids.
- Suitable for openings created for HVAC tubes or pipes, duct joints, concrete or wood walls, etc.
- Fire retardant and UL listed
- Tack-free in 30 minutes & completely dried in about 4 hours

