

### MARS Cork Tape - 1/8"x 2"x 30' Roll

MARS Cork Tape is ozone resistant and specially designed for all types of climate. It insulates cold pipes for all kinds of air conditioners, freezers, and refrigerators. Cork Tape helps stop condensation problems. It is ideal for retarding heat gain in cold pipes and prevents heat loss in hot pipes. Can also be used for gasketing purposes. MARS Cork Tape sticks to all kinds of dry metals. This flexible tape seals tightly without drying. Temperature range: -20°F to 200°F / -29°C to 93°C.

Corktape is made from virgin cork specially imported from Portugal & Spain and has the following characteristics:

1. Compared to other cork tapes - our cork tape features rubber/asphalt & 100% virgin cork instead of asbestos / saw dust as used by other manufacturers.
2. The width is always 2" wide unlike other brands where size varies from 1-3/4" - 2".
3. Very good adhesion property. It sticks on the metal pipe tightly and does not come out in one piece if unwrapped.
4. A wide service temperature range -29° F - +200°F
5. Once installed the outer surface dries creating a shield against unwanted dust and dirt while the inner side remains wet. So even after a year or two, the user can remove the cork tape and reapply elsewhere without any change in the properties of the tape. Other brands such as Prestite/Virgin are mostly wet outside and inside making it vulnerable to dust and dirt which eventually deteriorates its insulation properties.



**Physical properties:**  
**Composition:** Polymer based material containing synthetic rubbers, asphalt and approximately 50% cork by volume. It has a grainy rubber-like consistency and contains no asbestos.  
**Solid Contents:** 99.8%  
**Color:** Black  
**Thermal Conductivity:** 0.60 BTU/hr /ft<sup>2</sup>/F/in at 75°F  
**Moisture / Vapor Transmission:** 0.02 perms. (ASTM E-90 Procedure C)  
**Water Absorption:** 0.01% by volume (ASTM D-1056)  
**Ozone Resistance:** Good

#### Thickness To Prevent Pipe Condensation

| Ambient Temperature & %RH | Pipe Temperature  |                   |
|---------------------------|-------------------|-------------------|
|                           | 50°F (10°C)       | 32°F (0°C)        |
| 77°F (25°C) & 50% RH      | Double Layer      | Triple Layer      |
| 85°F (29°C) & 70% RH      | Double Layer      | Triple Layer      |
|                           | plus Double Layer | Plus Triple Layer |

| MARS NO. | DESCRIPTION | MARS PACK | CASE QTY. |
|----------|-------------|-----------|-----------|
| 93505    | Cork Tape   | 1         | 10        |

### MARS Foam Tape - 1/8"X 2"X 30' Roll

MARS Foam Tape is a self-adhering closed cell thermal insulation tape. This flexible tape is ideal for wrapping hot or cold pipings and fittings. The energy saving and very easy to use Foam Tape is excellent for preventing condensation problems. MARS Foam Tape is designed for retarding heat loss in hot pipings and preventing heat gain or frost formation on cold, chilled water pipings or refrigerant lines. Adheres firmly to all metals. Temperature range: -20°F to 200°F / -29°C to 93°C.



1. Good weather and UV resistant - reason being EPDM (Ethylene Propylene Diene Monomer) is the main compound in the manufacturing of Foamtape. In practice EPDM is also used in the manufacturing of glass window strips of cars, which lasts for more than 10 years outdoors without any replacement (inspite of being exposed to rain, heat & cold).
2. The specially coated acrylic adhesive provides extra adhering strength compared to other tapes. Once installed, the special adhesive will act as the bonding agent and won't let the tape delaminate.
3. Low thermal conductivity (0.26 BTU. in/sq. ft. hr. deg. F at 75°F) to prevent heat loss/heat gain and save energy.
4. An ozone friendly product manufactured under strict supervision of trained personnels with quality check at every production point.
5. Low halogen contents. Tests have proved that MARS Foam Tape (or FOAMTAPE excluding the adhesive) has chlorine and bromine content of 4.36% and 1.35% compared to NBR/PVC (Armstrong, Rubatex) based brand insulation which has 12.45% and 6.14% respectively.
6. Our vulcanization system uses negligible amount of Sulphur (chemical which corrodes copper tubings) and this special vulcanization process decomposes chemicals almost completely.

**Physical properties:**  
**Composition:** Closed cell, elastomeric thermal insulation.  
**Color:** Black  
**Density:** 6±1 pounds per cubic feet. (0.09-0.12 g/cm<sup>3</sup>) (ASTM D-1667)  
**Thermal Conductivity:** 0.26 BTU in./ft<sup>2</sup> hr. °F at 75°F (0.04 W/mK at 24°C) (ASTM C-177)  
**Water Absorption:** Max 5% by weight (ASTM D-1056)  
**Water Vapor Permeability:** 0.15 Perm-inch (ASTM C-355)  
**Temperature Range:** -20°F (-29°C) to +200°F (+93°C)

#### Thickness To Prevent Pipe Condensation

| Ambient Temperature & %RH | Pipe Temperature  |                  |
|---------------------------|-------------------|------------------|
|                           | 50°F (10°C)       | 35°F (0°C)       |
| 80°F (27°C) & 50% RH      | Single Layer      | 50% Overlap      |
| 85°F (30°C) & 70% RH      | 50% Overlap       | 50% Overlap      |
|                           | plus Single Layer | Plus 50% Overlap |

| MARS NO. | DESCRIPTION | MARS PACK | CASE QTY. |
|----------|-------------|-----------|-----------|
| 93506    | Foam Tape   | 1         | 12        |