

**TECHNICAL DATA REPORT**

See SDS for complete safety data

Scrim Foam Tape

INSULATION**PRODUCT COMPOSITION**

- Elastomeric Nitrile Rubber Foam
- Foam Backing: Black color Nitrile Rubber Foam (NBR03)
- Release Liner: Havana color Siliconized Glassine Paper
- Adhesive: Water based Acrylic glue with Scrim-Carrier
- The product contains no substances in concentrations exceeding the limits set out in

DESCRIPTION AND BENEFITS

SCRIM REINFORCED FOAM TAPE – provides a single layer insulation value of 0.26 (K factor), about 40% more value than cork tape. The quality tape effectively stops sweating on cold pipes used in refrigeration, freezer, and air conditioning systems. The tape's pressure-sensitive adhesive forms a long-lasting bond with clean metal surfaces. Vapco Foam Tape will not shrink, dry out or pull away from the surface when properly applied to clean metal, rubber, glass, plastic and painted surfaces.

- Superior Insulation: Effectively insulates pipes, tubing, and other surfaces.
- Temperature Resistance: Withstands temperatures from -50°F to 257°F.
- Moisture, UV, and Solvent Resistant: Protects against environmental factors.
- Self-Adhesive: Provides easy and secure application.
- Versatile Applications: Suitable for a wide range of bonding and insulation needs.
- Meets Industry Standards: Complies with UL94, IEC, ISO, and FMVSS standards.
- SCRIM REINFORCED FOAM TAPE is a reliable and efficient insulation and bonding solution for professionals and homeowners alike. Its exceptional performance, durability, and versatility make it an ideal choice for various applications..

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid
FoamTape color: Black
Liner colour: Havana yellow
Smell: Light
PH: Not defined (solid product)
Ignition point: Not defined
Water-solubility: Very low
Foam density: 60 kg/m3, Adhesive density:
1.01 +/-0.1gr/cm3

TECHNICAL FEATURES

Density: : 50 – 70 Kg/m3, (ISO 845)
Tensile Strength: : 3,20 Kg/cm2, (ASTM-D 412)
Tearing Strength: : 1,60 KN/m , (ASTM-D 412)
Vapor Diffusion Factor ... : > 7000
Ultimate Elongation ... % 200, (ASTM-D 412)
Water Absorption ... : % 5
Working Temperature ... -50°F to 257°F. (ASTM-D 3575)
Fire Resistance (Passed) ... : FMSS 3012, B1, (DIN 4102)
Thermalv Conductivity ... at 0°C = 0,034 W/mK at 20°C = 0,036 W/mK
Color: Black

BURNING TESTS

The Scrim-Reinforced Foam Tape has been rigorously tested by Intertek and achieved a "pass" rating for the UL 94:2017 Horizontal Burning Foamed Material Test (HF-1 and HF-2). In the Intertek HBF test, the samples did not ignite, which significantly exceeds the standard's requirements. These results confirm the product's superior flame resistance under controlled laboratory conditions.

**VAPCO PART NO. SFT-1**

SCRIM REINFORCED FOAM TAPE is a premium insulation tape designed to provide exceptional performance and durability. Its reinforced scrim construction offers enhanced strength and flexibility, making it ideal for demanding applications.

HAZARDS IDENTIFICATION

This product is not considered dangerous to humans and/or the environment according to Directive 1999/45/EC.

There is no evidence to suggest that the product may produce adverse physicochemical, human health or the environment arising from correct or incorrect use can reasonably be foreseen.

PROTECTION MEASURES FOR FIRE EXTINCTION**Appropriate extinction means:**

Pulverized water, dry extinction means, carbon dioxide (CO2). During the fire, the product may give off fumes causing tearing and asphyxia, plus carbon dioxide and other volatiles.

ACCIDENTAL SPILLAGE

As the product is solid and insoluble, accidental spillage it is not expected.

FIRST AID MEASURES

Inhalation: Non-applicable

Ingestion: Do not lead into vomit. Seek urgent advice from a doctor.

Skin contact: In the event of skin hypersensitivity it can cause irritation. In such a case, go to a doctor.

Eye contact: Wash eyes with abundant water. Seek urgent advice from an ophthalmologist.

HANDLING/STORAGE

Handling: Conditions that generate static electricity and/or which may produce sparks should be avoided.

Avoid sources of ignition. Use systems for static charge reduction.

The liner (paper), in rewinding and unwinding processes, can be sharp, so it is necessary to avoid touching the sides of the material in these processes.

Pay special attention to avoid entrapment in moving parts of machinery in these processes. Use security cells or alternative safety systems.

Preservation: In dry place between +10 oC and +35 oC, away from direct light and in its original packaging