

Foam Insulation Tape

Job Name _____
Location _____
Engineer _____
Contractor _____
Tag _____ PO# _____

Specifications

A NBR/PVC-based closed cell, flexible elastomeric foam insulation tape with a factory-applied pressure sensitive adhesive that adheres firmly and forms a long-lasting bond. It is environmentally-friendly as it is free of CFCs, HFCs, HCFCs, PBDEs, formaldehyde and fibers. An EPA-registered antimicrobial agent is incorporated into the product providing additional protection against mold, fungal and bacterial growth.

Applications

Recommended for applications with service temperatures ranging from -40°F (-40°C) to +200°F (+93°C). The product is used to retard heat gain/loss on below-ambient to medium hot applications. It is ideal for insulating short runs of pipes or valves and fittings where it is impractical to install tubing insulation. The tape can be applied in multiple layers to meet various service conditions. It is not recommended for use with heat trace tapes for freeze protection applications.

Dimensions and Product Offering

PART NO.	SIZE	COLOR
INT002	1/8" x 2" x 30'	Black



PHYSICAL PROPERTIES	FOAM TAPE	TEST METHODS
Main Composition	Flame-retarded NBR/PVC-based elastomeric foam with a solvent-free, acrylic dispersion high tack adhesive with good resistance to moisture and aging	
Thermal Conductivity (Btu-in/hr-Ft ² -°F)	0.245	75°F (24°C) Mean Temp ASTM C177
Density	3-6 lb/ft ³	ASTM D1667
Operating Temperature Range	-40°F (-40°C) to +200°F (+93°C)	ASTM C534
Water Vapor Permeability (Dry Cup)	<0.01 perm-in	ASTM E96
Water Absorption (Volume Change)	0%	ASTM C209
Flame Spread / Smoke Development (up to 2")	<25/50	ASTM E84
Flexibility	Pass: Cold Crack Test at -40°F (-40°C)	ASTM D1056
Freight Classification	Tape, insulation, NOIBN. No label required.	
Adhesive Thickness	0.07 mm	
Adhesive Peel Resistance	≥20 N / 25 mm	DIN EN 1939
Adhesive Shear Adhesion	500 g/625 mm ²	DIN EN 1943

THICKNESS RECOMMENDATIONS (LAYERS OF 1/8" TAPE)		
Ambient Conditions	50°F (10°C) Process Temperature	32°F (0°C) Process Temperature
77°F (25°C) / 50% RH	1 Layer	2 Layers
85°F (29°C) / 70% RH	3 Layers	4 Layers