



Insulation Tape

Virginia K-501 Foam Insulation Tape

Virginia K-501 is our premium brand of foam insulation tape and is excellent for wrapping pipes and fittings. It can be used on hot pipes up to 180°F (71°C) to insulate against heat loss, or on cold pipes down to -20°F (-29°C) to insulate against heat gain and to stop dripping caused by condensation forming on the pipes. This tape can easily be cut into pieces for molding around hard to wrap fittings and valves, saving the higher cost of specially cast forms. K-501 adheres to virtually all clean, dry surfaces as well as to itself, allowing the user to use multiple wraps as needed to provide for increased insulation. When pipes are wrapped properly, Virginia foam insulation tape creates a neat smooth surface, so it is the logical choice in places where tubing is exposed and appearance is important. This product also can be used to create gaskets on flat surfaces such as walk-in door gaskets. K-501 tape is available in 30 foot rolls and measures 2" wide by 1/8" thick.

CHARACTERISTICS:

- Prevents condensation drip from forming on pipes and tubing.
- Black elastomeric nitrile foam.
- Service temperature range from -20 to 180°F (-29 to 82°C).
- K-Factor of 0.28 @ 60°F (15°C).
- Convenient 2" X 30' roll.

USES:

Any application in which pipes or tubing need to be insulated to prevent heat transfer or condensate drip.



SUGGESTED APPLICATION INSTRUCTIONS:

1. Adhering surfaces should be clean and dry.
2. Wrap the tape in a spiral around the tubing, butting the edges together so that no tubing is showing through. *Note: Do not stretch. To cover valves and fittings, cut the tape into smaller pieces and apply.*
3. Subsequent wrappings can be made as required. Reverse the direction of wrap with each subsequent wrapping.

APPLICATION TIPS:

1. When wrapping two or more parallel runs of tubing, never leave an air gap between the tubes as these spaces may collect moisture and destroy the insulation ability of the tape. Fill in the gaps with Virginia Presstite Permagum.
2. The thickness of Virginia Foam Insulation Tape required to prevent the formation and dripping of condensate depends to a great extent on the accuracy of figuring the heat and humidity load conditions. Three factors are required; pipe temperature, ambient air temperature and relative humidity.

the reliable source.



**APPLICATION TIPS (Continued):**

The table below shows the linear feet (meters) of pipe covered by a roll to aid in selection of how many rolls a particular job will require.

Pipe Size	Linear Feet (Meters) of Pipe Per Roll				
	1 Wrap	2 Wraps	3 Wraps	4 Wraps	6 Wraps
3/8" ODF	37 (11.3)	15 (4.6)	8.2 (2.5)	5.3 (1.6)	3.5 (1.1)
1/2" ODF	30 (9.1)	12.5 (3.8)	7.1 (2.2)	4.7 (1.4)	3.1 (0.9)
5/8" ODF	25 (7.6)	10.2 (3.1)	6.2 (1.9)	4.2 (1.3)	2.8 (0.9)
3/4" ODF	21.5 (6.6)	9.2 (2.8)	5.4 (1.6)	3.7 (1.1)	2.6 (0.8)
7/8" ODF	18.7 (5.7)	8.3 (2.5)	5 (1.5)	3.4 (1.0)	2.4 (0.7)
1" I.P.S.	16.5 (5.0)	7.4 (2.3)	4.5 (1.4)	3.1 (0.9)	2.2 (0.7)
1-1/8" ODF	15 (4.6)	6.6 (2.0)	4.1 (1.2)	2.8 (0.9)	2.1 (0.6)
1-1/4" I.P.S.	13.5 (4.1)	6.3 (1.9)	3.8 (1.2)	2.6 (0.8)	1.9 (0.6)
1-1/2" I.P.S.	11.5 (3.5)	5.4 (1.6)	3.3 (1.0)	2.3 (0.7)	1.7 (0.5)
2" I.P.S.	8.8 (2.7)	4.3 (1.3)	2.1 (0.6)	1.9 (0.6)	1.4 (0.4)

PRODUCT SPECIFICATIONS:

Property	Test Method	Results
Density	ASTM D3574	4 - 7 lb/ft ³ (64 - 112 kg/m ³)
Tensile	ASTM D412, Die A	35 - 60 psi (241 - 414 kPa)
Water Absorption	ASTM D1056	10% Max
Tear Resistance	ASTM D624, Die C	6 - 10 lb/in (1.06 - 1.76 KN/m)
Compression Set, 25°C	ASTM D1056	25% Max.
Upper Temperature Limit	SAE J2236	180°F (82°C)
Low Temp Flexibility	ASTM D1056	-20°F (-29°C)
UL Rating	UL94	94 HF-1

CAUTIONARY NOTES:

Refer to MSD sheet for information. MSD sheets are available at your local wholesaler or by calling Virginia KMP.

PACKAGE SIZES AVAILABLE:

Virginia Foam Insulation Tape is available in 30 foot long rolls.

NON-WARRANTY - All data, statements and recommendations contained herein are based upon the best information available and are believed to be reliable. However, no warranty, either expressed or implied, is made concerning the application of this product since the customer's use cannot be controlled. Statements concerning the use of this product should not be construed as suggestions, recommendations or inducements that it be used in violation of patent rights or in violation of any applicable laws or regulations. Product improvement is a continuous process at Virginia KMP Corp., therefore, product specifications may change without notice. Please contact your VKMP representative or distributor to verify details.

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