



AEROLON TAPE SERIES 945

PRODUCT PROFILE

GENERIC DESCRIPTION Insulative Tape, Self-adhesive

COMMON USAGE An innovative, self-adhesive thermally insulative tape that contains a proprietary blend of insulative particles for exceptionally low thermal conductivity. Excellent for controlling condensation and providing thermal efficiency on processing equipment such as tanks, pipes, and valves. It is also a highly effective thermal break for mitigating condensation on architectural components which transmit outside temperatures through the building envelope. Series 945 Aerolon Tape is available in multiple widths that are 30 feet long and 1.5 mm thick. It can be applied in multiple layers to achieve desired thickness.

SPECIAL QUALIFICATIONS Thermal Conductivity (ASTM C177 at 79°F): 0.0497 W/m-°K or 0.3446 BTU-in/ft²-hr-°F (R value at one inch equals 2.9)

COATING SYSTEM

PRIMERS Series 27WB, 394, V530, 1224

TOPCOATS Series 73, 1095

SURFACE PREPARATION

ALL SURFACES Must be clean, dry and free of oil, grease and other contaminants.

TECHNICAL DATA

PACKAGING	Product	Packaging	Dimensions
	945-150230	rolls	1.5 mm (± 0.25 mm) x 2 in x 30 ft
945-150430	rolls	1.5 mm (± 0.25 mm) x 4 in x 30 ft	
945-150630	rolls	1.5 mm (± 0.25 mm) x 6 in x 30 ft	
945-151230	rolls	1.5 mm (± 0.25 mm) x 12 in x 30 ft	

NET WEIGHT	Product	Weight Per Roll
	945-150230	0.7 lbs (0.32 kg)
945-150430	1.5 lbs (0.68 kg)	
945-150630	1.95 lbs (0.88 kg)	
945-151230	4.5 lbs (2.04 kg)	

STORAGE TEMPERATURE Minimum 30°F (-1°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE Maximum operating temperature should not exceed 150°F (66°C).

SHELF LIFE Tape should be stored in its original packaging in a cool, dry area away from direct sunlight and should be used within 12 months of date of shipment.

APPLICATION

APPLICATION Prior to application, prime, if required, according to primer product data sheet. A minimum of 24 hours is required for full cure of the tape's pressure sensitive adhesive. Applications below 50°F (10°C) may require the use of a electric heat gun for adhesive to properly bond. Do not hold heat gun stationery over Series 945. Keep heat gun constantly moving to prevent overheating or damaging the film. **Caution:** Aerolon Thermal Tape must not be exposed to an open flame or torch due to the potential for fire and personal injury.

NOTICE Aerolon performance data, thermal modeling, and construction details are provided as a convenience to the architect, engineer, building owner, and applicator to aid in product selection. This information is based on standardized tests and specific construction designs that may not pertain directly to each building, structure, vessel, or project. Use and placement of the product, and product performance estimations shall be reviewed and approved by the project's design professional.

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