**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 70°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, 1224, 3600

**TOPCOATS**
Series 75, 1095

**SURFACE PREPARATION**
Must be clean, dry and free of oil, grease and other contaminants.

**APPLICATION**

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**Primed Surfaces:** Prior to application, prime, if required, according to primer product data sheet. Apply Series 945 Aerolon tape and backroll with ribbed roller to ensure proper adhesion. A minimum of 24 hours is required for full cure of the tape's pressure sensitive adhesive. Applications below 50°F (10°C) requires the use of an 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.

**Direct-to-Metal:** Apply Series 945 Aerolon Tape to the surface and heat to activate with the use of an electric heat gun. Backroll with ribbed roller with each application of tape to ensure proper adhesion. Keep heat gun constantly moving to prevent overheating or damaging the film.

**With Itself:** Apply Series 945 Aerolon tape to the surface and heat to activate with the use of an electric heat gun. Backroll with ribbed roller with each application of tape to ensure proper adhesion. Keep heat gun constantly moving to prevent overheating or damaging the film. A minimum of 24 hours is required for full cure of the tape's pressure sensitive adhesive.

**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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