

# PRESSURE SENSITIVE ADHESIVE TAPE

## STORAGE AND APPLICATION

### Storage

CT Tape products should be stored in the original packaging material under normal condition and protected from heat, direct sunlight and moisture. Shelf life: One year when stored at 20 +/- 5°C and relative humidity 40-60%.

### Pressure Sensitive Tape Application Conditions and Technique

These installation procedures are based on the best industry practices and clearly corresponds with insulation manufacturers recommendations, NIAMA (North American Insulation Manufacturers Association) installation manual for installation of FSK facing, duct boards, duct wrap and the duct assembly.

The surface to which the tape is applied must be clean, dry, and free of grease and oil, solvents residues, waxes and other contaminants and deposits. Recommended temperature of application: 50 – 105° F (10 – 40° C). Tape application within the given temperature range will allow user to avoid water condensation on the surfaces and achieve the best possible bonding of adhesive with the surface within 24-48 hour of application.

Since many factors beyond manufacturer's and seller's control can affect use and performance of pressure sensitive tape (self adhesive tape) products including surface nature and porosity, cleanliness, environmental condition, technique of application etc. The end user is responsible for determining whether the product is fit for a particular purpose and suitable for user's project application and environmental conditions. The user should make necessary tests and trial-application of the tape to confirm suitability for user's special project and method of application.

### Recommended application technique

Pressure Sensitive Tape should be applied to the clean, dry surface. It is recommended to remove invisible oil, grease and other contamination from the surface to which tape is applied with clean fresh cloth moist with solvent such as acetone, methanol (95%), ethanol (95%), isopropyl alcohol (95%). Repeat procedure to ensure surface is completely free of contaminants. Remove excessive solvent and let surface dry.

To ensure full contact of the adhesive with the surface, tape should be spread from the center to the sides to remove air bubbles. The end user has to ensure that the surface to which tape is applied has adequate support to guarantee full contact between the tape adhesive and the surface. Typically hand pressure on the tape is suitable for most applications. For the bigger surfaces, use of a soft rubber roller may be recommended to ensure good contact of the adhesive with the surface.

### Notes for the end user

Self-adhesive tapes are designed for sealing applications only. In the instance when the side of the joint is a subject to mechanical stress both sides of the joint should be securely positioned using appropriate fasteners or hangers prior to the self-adhesive tape application.



CT TAPE

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