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# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

TECHNICAL DATA SHEET

**Product Code – AS-032-A**

**DOUBLE SIDE PVC TAPE – 225 mic**

**Description:** Double Side PVC Tape is a thermal conductive tape made out of PVC film coated with solvent acrylic adhesive. The tape is designed to provide a preferential heat transfer path between heat generating components and heat sinks or other cooling devices. The tape offers both good thermal conductivity and electrical insulation properties.

**Application:** Double Side PVC Tape is mainly used in commercial graphics, LED and sticking posters on smooth surfaces. It is ideal for conducting heat from metals and plastics that radiates heat in units such as heat sink of LED backlight and LED illumination device.

**Application Technique:** For best results, ensure the surface is clean, dry and dust free before application of the tape. Apply even and firm pressure for better adhesion results.

## TECHNICAL VALUES

PROPERTIES	VALUE
Base Material	PVC Film – 120 µm
Adhesive	Solvent Acrylic
Tape Thickness	225 µm
Total Thickness	300 µm
Thermal Conductivity	0.6 w/m-k
Adhesion to Steel (N/inch)	≥ 16 N/inch
Dielectric Constant	3.45
Heat Resistance (°C/hr.)	150 °C
Roll Ball Tack	≤ 10 cms

**Storage & Shelf Life:** The tape should be stored in a cool and dry place and prolonged exposure to the direct sunlight should be avoided. To obtain best performance, the product should be used within 12 months from the manufacturing date.

[www.adhesivespecialities.co.in](http://www.adhesivespecialities.co.in)

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The technical values are determined by/based on standard tests. Our recommendations on the use of the product are based on reliable in-house tests, but the users are requested to conduct their own test to determine the suitability of the product. Adhesive Specialities will not be responsible for any loss or damage caused as a result of our recommendations.