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# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

TECHNICAL DATA SHEET

**Product Code – AS-021**

## **COPPER FOIL TAPE**

**Description:** Copper Foil Tape comes coated with conductive adhesive. The aggressive adhesion creates a superior bonding which makes it a popular choice in a wide range of consumer and industrial applications. It provides a very low rate of electrical resistance and is conductive in nature and is supplied with removable liner for easy handling.

**Application:** Copper Foil Tape is a premium product that is ideal for use in grounding, soldering application and RFI (Radio Frequency Interface) / EMI (Electro Magnetic Interface) shielding application in the electrical and electronic industries. The tape can also be used for various die-cut applications as it comes with easy removable liner.

**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**

<b>PROPERTIES</b>	<b>VALUE</b>
Base Material	Copper Foil
Adhesive	Conductive Acrylic
Total Thickness	70 $\mu\text{m}$ $\pm$ 5 $\mu\text{m}$
Adhesion to Steel (g/25mm)	720 gms
Roll Ball Tack	10 cms
Operating Temperature	-20 ~ 120°C
Electrical Resistance	0.005 $\Omega$
Tensile Strength (kg/25mm)	11.0 kgs

**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.