

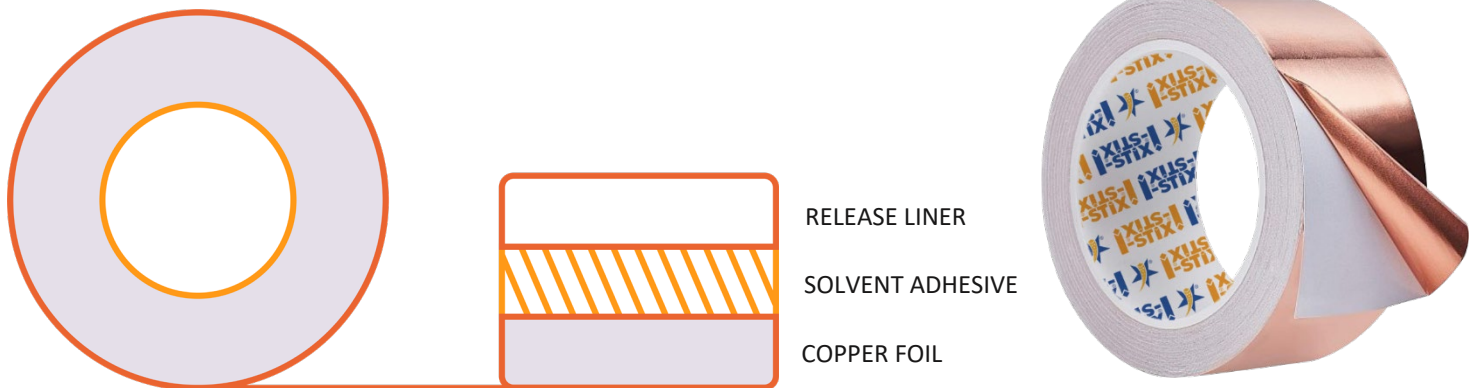
COPPER FOIL TAPE – IS 56312 V

60 MICRON

PRODUCT DESCRIPTION

IS 56312 V Copper foil tapes are essential for a variety of applications including electro-static shielding, cable wrapping, and stained glass work. These tapes are available in both conductive and non-conductive versions, with adhesives that can also be conductive. They offer excellent chemical resistance and can come with or without a liner. Available in standard and custom slit widths, copper foil tapes can be self-wound or provided on a liner, making them highly versatile for different needs.

PRODUCT STRUCTURE



PRODUCT FEATURE

- **Chemically Resistant:** Durable against various chemicals.
- **Self-Wound or Lined:** Available in both formats for flexibility.
- **Highly Conformable:** Ideal for complex and critical applications.
- **Customizable Widths:** Offered in standard and custom slit widths.
- **Acrylic Adhesive:** Provides a strong bond, with options for conductivity.
- **Conductive and Non-Conductive Options:** Available with conductive or non-conductive adhesives.

PRODUCT APPLICATION

- **Cable Wrapping:** Ensures secure and efficient wrapping of cables.
- **HVOF Masking:** Suitable for high-velocity oxygen fuel coating processes.
- **Static Charge Draining:** Effective in managing and draining static charges.
- **Telecommunications:** Used in the production and design of telecommunications equipment.
- **EMI / RFI Shielding:** Protects electronic devices from electromagnetic and radio frequency interference.
- **Solderable Trim for Decorative Glass:** Ideal for use in stained glass projects and other decorative applications

PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Copper
BACKING	-	Copper Foil
ADHESIVE TYPE	-	Conductive Solvent
THICKNESS	MIC	60 ± 0.05
INITIAL TACK	STEEL BALL NO.	15
TENSILE STRENGTH	N/25MM	≥ 125
HOLDING POWER	H	≥ 48
PEEL ADHESION	N/25MM	≥ 18
ELONGATION	%	≥ 10
TEMPRATURE RESISTANT	°C	-10 – 120

Information in the above sheet is the average value of the tests, it should not be taken as the exact values of every single product. Customers have the obligation to check whether the product is suitable for their own applications.

STORAGE AND USAGE

Tape should be stored in dry, cool, shelter area and avoid direct sunlight, storage temperature under 40°C under correct storage conditions maintains its characteristics for two years.

NOTICE

- Please try a sample and make sure the tape is suitable for the application before use it.
- Customers who buy the jumbo rolls should stop the re-winding and slitting once find that there has quality problem with the jumbo. Contact us right away. If customers re-wind/cut the problematic jumbo into log/finished rolls, Instabiz Solutions India Pvt. Ltd. will not response to make any indemnity.
- Ideal tape application temperature is 8 to 38 Celsius. It is not suggested to use the tape below zero Celsius, because the adhesive will become too firm to adhere readily. However, once customers insist on using the tape under such a low temperature, please contact us, Instabiz Solutions India Pvt. Ltd. will adjust the adhesive, but Instabiz Solutions India Pvt. Ltd. doesn't guarantee anything.
- Firm application pressure helps develop better adhesive contact and improves bond strength, the bonding surfaces must be clean, dry and well unified. Seal completely when not use the tape, avoid expose the tape in the sunlight.
- Expiry date: Original packaging, 23 C & 60% humidity, 12 months after production date. If product is not kept under such temperature and humidity, jumbo/log rolls should be finished within four months, finished rolls should be finished within one month.
- All Instabiz Solutions India Pvt. Ltd. products are strict inspected before sent to customers, but the applications might be different between different customers, there may exist factors which are beyond Instabiz Solutions India Pvt. Ltd. knowledge and control, so customers should check the quality of every order before use the tape. If customers use the product without inspection, they must be responsible for the potential quality problems and economic loss. If the product is proved to be defective, the exclusive remedy, at Instabiz Solutions India Pvt. Ltd. option, shall be to refund the purchase price of or replace the problematic product.

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