

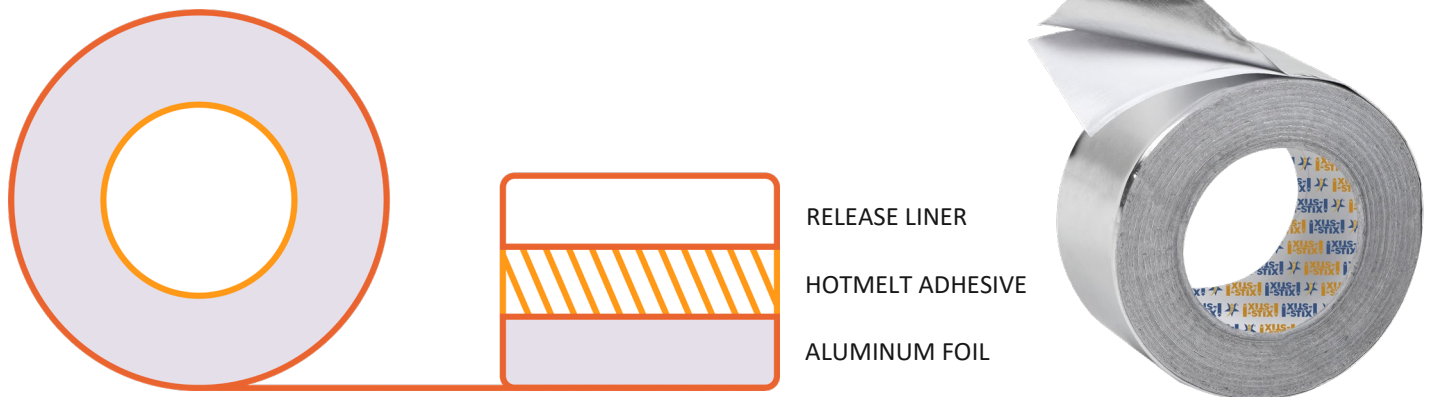
# ALUMINUM FOIL TAPE – IS 56114 V

50 MICRON

## PRODUCT DESCRIPTION

IS 56214 V Aluminum foil tape is designed to meet the demands of applications requiring high temperature resistance, electrical and thermal conductivity, and flame resistance with a Class “L” low flammability rating. The foil backing offers an excellent reflective surface for both heat and light, while the soft aluminum foil paired with a transparent acrylic adhesive ensures robust performance for permanent sealing, holding, splicing, or masking tasks.

## PRODUCT STRUCTURE



## PRODUCT FEATURE

- **Reflective Foil Backing:** Provides excellent heat and light reflection.
- **Flame Resistant:** Class “L” low flammability rating for enhanced safety.
- **High Temperature Resistance:** Capable of withstanding extreme temperatures.
- **Durable Adhesive:** Soft aluminum foil with a transparent acrylic adhesive for strong, lasting bonds.
- **Electrical & Thermal Conductivity:** Suitable for applications needing efficient heat and electrical transfer.

## PRODUCT APPLICATION

- **Splicing:** Suitable for splicing thin gauge foils.
- **Heat Reflection:** Reflects heat away from sensitive areas.
- **Thermal Heat Conduction:** Facilitates efficient thermal heat conduction.
- **Decorative Uses:** Ideal for decorative applications due to its reflective silver surface.
- **General Purpose:** Ideal for holding, patching, and sealing applications both indoors and outdoors.
- **Electroplating Mask:** Excellent as a mask in electroplating of aluminum, preventing contamination.
- **Truck Trailer Repairs:** Effective for sealing and patching tears in truck trailers and other outdoor equipment.

## PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Silver
BACKING	-	Aluminum Foil
ADHESIVE TYPE	-	Hotmelt Based
THICKNESS	MIC	50 ± 0.05
INITIAL TACK	STEEL BALL NO.	20
TENSILE STRENGTH	N/25MM	≥ 40
HOLDING POWER	H	≥ 12
PEEL ADHESION	N/25MM	≥ 16
ELONGATION	%	≥ 0
TEMPRATURE RESISTANT	°C	0 – 80

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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