

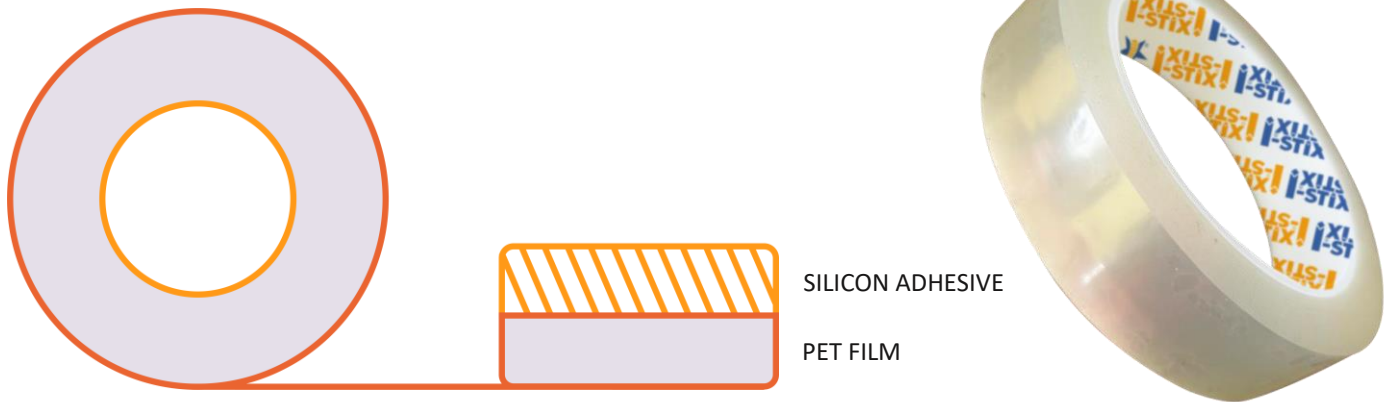
## CELL POSITIONING TAPE – IS 51326 V

60 MICRON

### PRODUCT DESCRIPTION

IS 51326 V Cell Positioning Tape is crafted with a polyester film carrier coated with a specially formulated UV-resistant silicone adhesive. This tape is specifically designed for outdoor UV-cutting applications, absorbing most ultraviolet light to ensure excellent light stability. It is primarily used for positioning solar cells before the heat sealing process.

### PRODUCT STRUCTURE



### PRODUCT FEATURE

- **Wide Temperature Range:** Effective from -10 °C to +180 °C.
- **Thin and Flexible PET Film:** Provides superior flexibility and ease of use.
- **UV Resistance:** Designed to absorb most ultraviolet light for good light stability.
- **Balanced Adhesive Properties:** Combines good tack and adhesion with excellent shear strength.
- **No Performance Impact:** Will not bubble, blister, discolour, or affect cell performance during melting or evacuation processes.

### PRODUCT APPLICATION

- **UV Protection:** Protects UV-sensitive areas during high UV radiation operations.
- **Melt Process Security:** Secures cells during the melt process without affecting performance.
- **Battery Fixation:** Used to fix batteries and prevent displacement during solar panel lamination.
- **Solar Cell Positioning:** Holds solar cells in place to prevent displacement during EVA (ethylene vinyl acetate) film encapsulation.

## PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Clear
BACKING	-	PET Film
ADHESIVE TYPE	-	Silicon Based
THICKNESS	MICRON	60 ± 0.05
INITIAL TACK	STEEL BALL NO.	# 15
TENSILE STRENGTH	N/25MM	≥ 120
HOLDING POWER	H	N/A
PEEL ADHESION	N/25MM	≥ 7
ELONGATION	%	≥ 80
TEMPRATURE RESISTANT	°C	-0 – 180
BREAKDOWN VOLTAGE	KV	≥ 6
STRIPPING FORCE	N/25MM	≥ 115

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.

info@instabizsolutions.com

www.instabizsolutions.com