# **TECHNICAL DATA SHEET**



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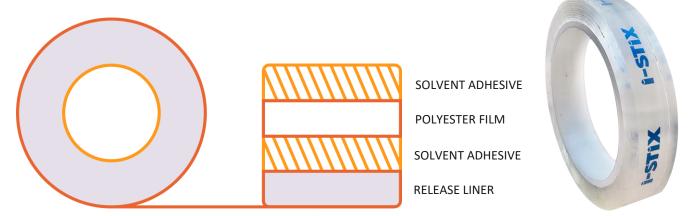
# **IWARS NANO GEL TAPE – IS 54522 W**

2.0 MM

# **PRODUCT DESCRIPTION**

IS 54522 W iWARS Nano Technology Gel Tape is a versatile, easily customizable tape that can be cut to any size and length to meet your needs. It can be stretched, bent, and folded for various applications. This tape is designed to be washable and reusable, ensuring long-lasting performance. Its strong viscosity is achieved through a unique eco-friendly PU gel material, making it non-toxic, tasteless, and capable of holding items up to 1 KG (2.2 LBS) on smooth surfaces.

## **PRODUCT STRUCTURE**



# **PRODUCT FEATURE**

- Customizable: Easily cut to any size and length.
- No Residue: Easy to remove without damaging surfaces.
- High Reusability: Can be reused over 2000 times without losing strength.
- Strong Viscosity: Made with new technology and eco-friendly PU gel material.
- Washable and Reusable: Regains stickiness after washing with warm water and drying.
- All Surface: Adheres to a variety of surfaces such as home, office, car, wardrobe, and bathroom.

## PRODUCT APPLICATION

- Furniture & Rug Grip: Prevents furniture from sliding and keeps rugs in place.
- Cable Management: Neatly arranges and secures wires, keeping spaces clutter-free.
- Car Interior Fixing: Holds accessories, phone mounts, and organizers securely in place.
- DIY & Craft Projects: Perfect for creative projects, lightweight fixtures, and quick repairs.
- Bathroom & Kitchen Use: Sticks to tiles, glass, and metal for holding hooks, racks, and dispensers.
- Home & Office Use: Easily mounts photo frames, decorations, and office supplies without drilling.

#### **PHYSICAL PROPERTIES**

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Transparent
BACKING	-	Polyester Film
ADHESIVE TYPE	-	Solvent Based
THICKNESS	MM	2.0 ± 0.05
INITIAL TACK	STEEL BALL NO.	# 6
TENSILE STRENGTH	N/25MM	≥ 40
HOLDING POWER	Н	≥ 48
PEEL ADHESION	KGF/INCH	≥ 13.4
ELONGATION	%	≥ 200
TEMPRATURE RESISTANT	°C	-20 – 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.