

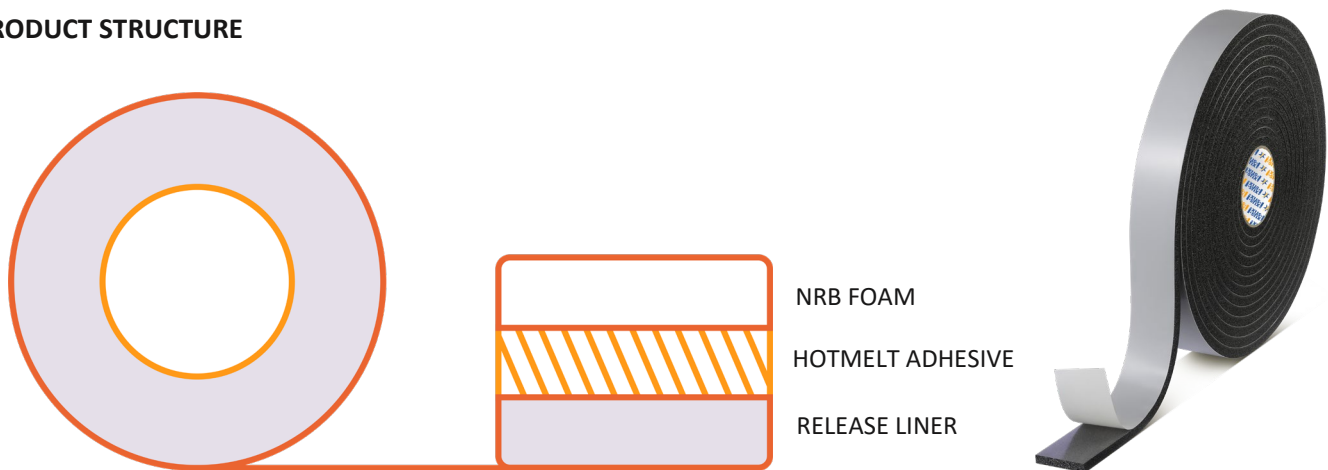
NITRILE TAPE – IS 54314 V

3.0 MM

PRODUCT DESCRIPTION

IS 54314 V Nitrile Foam Tape is a flexible, self-adhesive insulation tape made from nitrile rubber elastomeric closed-cell insulation. This tape is ideal for wrapping both hot and cold piping's and fittings. It is energy-saving, easy to use, and effectively prevents condensation problems. Coated with a selected acrylic pressure-sensitive adhesive, it offers long service life and excellent resistance to moisture, humidity, and grease, making it suitable for sealing, baffling, cushioning, and insulation.

PRODUCT STRUCTURE



PRODUCT FEATURE

- **High Thermal Efficiency:** Provides excellent insulation for hot and cold applications.
- **Condensation Prevention:** Effectively prevents condensation on wrapped surfaces.
- **Moisture and Humidity Resistant:** Withstands moist and humid conditions.
- **Grease and Oil Resistant:** Resistant to grease and oil, maintaining integrity in various environments.
- **Flexible and Lightweight:** Easy to handle and apply.
- **Strong Adhesion:** Coated with high-quality acrylic pressure-sensitive adhesive.
- **Shock and Impact Cushioning:** Ideal for applications requiring impact resistance.

PRODUCT APPLICATION

- **Piping and Fittings:** Ideal for wrapping hot or cold pipes and fittings.
- **HVAC Systems:** Used in heating, ventilation, and air conditioning systems.
- **Construction Seals:** Provides sealing in construction applications.
- **Foam Seal Strip and Gasket:** Effective for creating seals and gaskets.
- **Tanks and Ducts:** Suitable for insulating tanks and duct systems.
- **Protective Padding:** Offers cushioning and protection.

PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Black
BACKING	-	NRB Foam
ADHESIVE TYPE	-	Hotmelt Based
THICKNESS	MM	3.0 ± 0.05
INITIAL TACK	STEEL BALL NO.	18
TENSILE STRENGTH	N/25MM	N/A
HOLDING POWER	H	≥ 12
PEEL ADHESION	N/25MM	≥ 15
ELONGATION	%	100
TEMPRATURE RESISTANT	°C	0 – 60

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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