

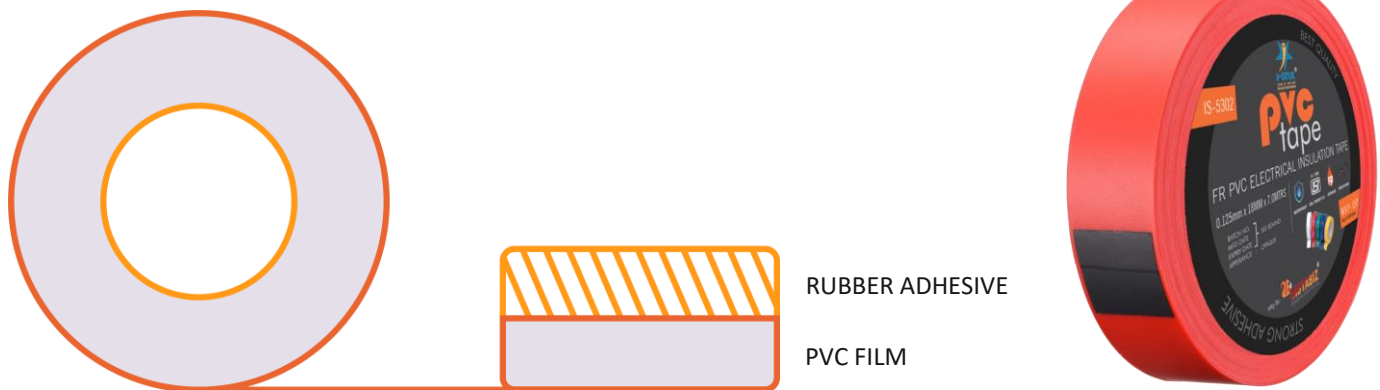
## FR PVC INSULATION TAPE – IS 53123 VF

115 MICRON

### PRODUCT DESCRIPTION

IS 53123 VF Fire Retardant PVC Electrical Tape, also known as insulating tape, is a pressure-sensitive tape designed to insulate electrical wires and other conductive materials. Made primarily from vinyl, it stretches well and provides effective, long-lasting insulation. This tape is waterproof, fireproof, chemical corrosion resistant, and lead-free, making it ideal for cable wrapping due to its flexibility and self-extinguishing properties.

### PRODUCT STRUCTURE



### PRODUCT FEATURE

- **Durability:** Moisture, corrosion, and weather resistant.
- **High Adhesion Strength:** Soft, stretchy, and easy to unwind.
- **Chemical Resistance:** Resistant to acids, alkalis, oil, and gasoline.
- **High Stability & Excellent Aging Properties:** Ensures long-term reliability.
- **Temperature Resistance:** Offers excellent mechanical support at high temperatures (up to 90°C).
- **Non-Migratory Adhesive:** Adhesive remains intact without transferring from one surface to another.
- **High Voltage Withstand:** Supports up to 6500 V AC, providing long-lasting insulation and preventing short circuits.

### PRODUCT APPLICATION

- **Insulating Cable Lugs:** Used in meter panels for secure connections.
- **Color Coding:** Ideal for identifying different phases in 3-phase wiring.
- **Insulation of Electrical Wire Joints:** Ensures safety and durability of wire connections.
- **Submersible Pumps:** Insulates cable joints to prevent water ingress and short circuits.

## PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Black / White
BACKING	-	PVC Film
ADHESIVE TYPE	-	Rubber Based
THICKNESS	MICRON	115 ± 0.05
INITIAL TACK	STEEL BALL NO.	#10
TENSILE STRENGTH	N/25MM	≥ 30
HOLDING POWER	H	≥ 24
PEEL ADHESION	N/25MM	≥ 4
ELONGATION	%	≥ 150
TEMPRATURE RESISTANT	°C	90 - 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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