

ACETATE CLOTH TAPE – IS 55412 V

200 MICRON

PRODUCT DESCRIPTION

IS 55412 V Acetate Cloth Tape is crafted from acetate cloth coated with a thermosetting rubber adhesive, offering high adhesion, conformability, and excellent insulating properties. It is highly versatile, capable of withstanding extreme temperatures, and is easily hand-tearable, making it ideal for specific electrical applications.

PRODUCT STRUCTURE



PRODUCT FEATURE

- **Printable:** Suitable for printing, enhancing its versatility.
- **Absorption:** Excellent absorption of resins and varnishes.
- **Impact Resistant:** Durable and long-lasting for industrial use.
- **Hand Tearable:** Easy to use without the need for cutting tools.
- **High Adhesion:** Thermosetting rubber adhesive ensures strong adhesion.
- **Conformability:** Highly conformable, making it ideal for uneven surfaces and coil wrapping.
- **Excellent Insulation:** Provides superior insulation properties, ideal for electrical applications.
- **Temperature Resistant:** Can withstand temperatures ranging from -40 to 221°F (-40 to 105°C).

PRODUCT APPLICATION

- **Cable Harnessing:** Effective for bundling and insulating wire harnesses.
- **Electrical Insulation:** Used for insulating electrical and electronic devices.
- **End-Turn and Interphase Insulation:** Used in various electrical components for insulation and protection.
- **Coil Wrapping:** Ideal for final insulation of coils in transformers, relays, resistors, solenoids, and ignition systems.
- **Lead-Holding and Inter-Winding:** Provides high mechanical strength for lead-holding and inter-winding applications.

PHYSICAL PROPERTIES

CHARACTERISTIC	UNIT	VALUE
COLOR	-	Black with White Liner
BACKING	-	Acetate Cloth
ADHESIVE TYPE	-	Solvent Based
THICKNESS	MIC	200 ± 0.05
INITIAL TACK	STEEL BALL NO.	# 10
TENSILE STRENGTH	N/25MM	≥ 135
HOLDING POWER	H	≥ 24
PEEL ADHESION	N/25MM	≥ 6
ELONGATION	%	≥ 6
TEMPRATURE RESISTANT	°C	-20 – 250

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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