

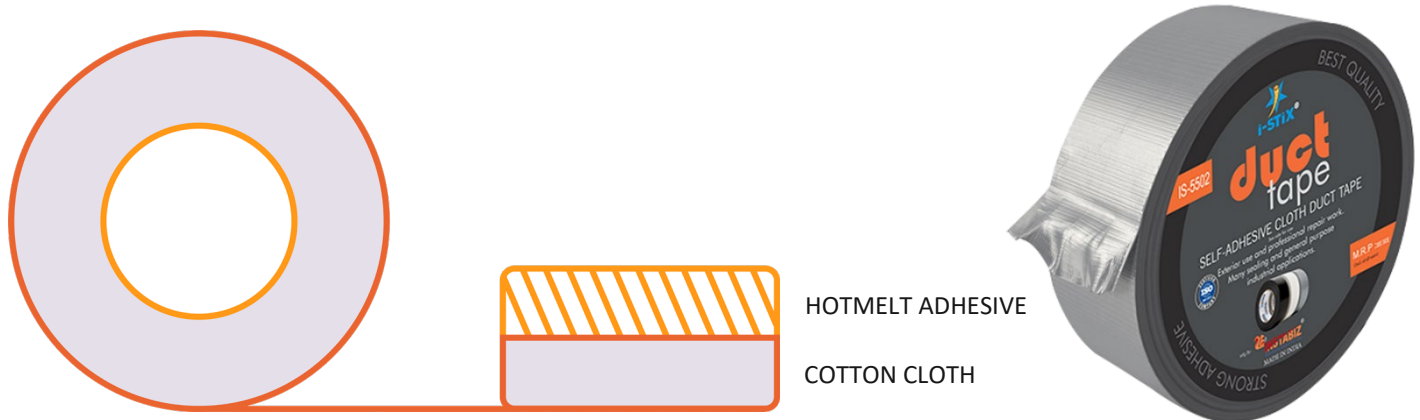
DUCT TAPE HOTMELT – IS 55224 V

160 MICRON

PRODUCT DESCRIPTION

IS 55114 V Duct tape is renowned for its strong adhesive properties and durability, making it a staple in various applications. Its adhesive, formulated with rubber compounds (C₄H₆O₂)_n, provides a strong, long-term bond due to a thicker coating. The polyethylene coating (C₂H₄)_n makes the tape's back waterproof and flexible, enhancing its ability to stick to irregular surfaces. These features ensure duct tape's effectiveness across diverse conditions and uses.

PRODUCT STRUCTURE



PRODUCT FEATURE

- **Great Stretch and Conformability:** Holds tightly around corners, bends, and curves.
- **Durable and Substantial:** Thicker fabric with more cotton fibers.
- **High-Tack Rubber Adhesive:** Creates both permanent and repositionable bonds.
- **Water-Resistant:** Coated with a thin polyethylene resin for added water resistance.
- **Versatile:** Adheres to a variety of surfaces including rough and uneven ones.
- **Easily Torn:** The fabric backing allows for easy tearing by hand.

PRODUCT APPLICATION

- **Noise Reduction:** Used as a flexible connector to reduce noise transmission.
- **Exterior Use and Professional Repairs:** Ideal for outdoor and professional repair tasks.
- **Sealing Fiberglass Insulation:** Effective for covering thermal insulation.
- **Waterproof Covering:** Provides a waterproof layer over pipe insulation.
- **Industrial Applications:** Suitable for many sealing and general-purpose industrial tasks.
- **Air Conditioning Duct Work:** Commonly used in HVAC systems.
- **General Sealing and Repairs:** Used for patching holes, packing boxes, and various repairs.

PHYSICAL PROPERTIES

| CHARACTERISTIC | UNIT | VALUE |
|----------------------|----------------|---------------|
| COLOR | - | All Colors |
| BACKING | - | Cotton Cloth |
| ADHESIVE TYPE | - | Hotmelt Based |
| THICKNESS | MICRON | 160 ± 0.05 |
| INITIAL TACK | STEEL BALL NO. | 20 |
| TENSILE STRENGTH | N/25MM | ≥ 60 |
| HOLDING POWER | H | ≥ 24 |
| PEEL ADHESION | N/25MM | ≥ 14 |
| ELONGATION | % | ≥ 110 |
| TEMPRATURE RESISTANT | °C | 0 – 80 |

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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