# **TECHNICAL DATA SHEET**



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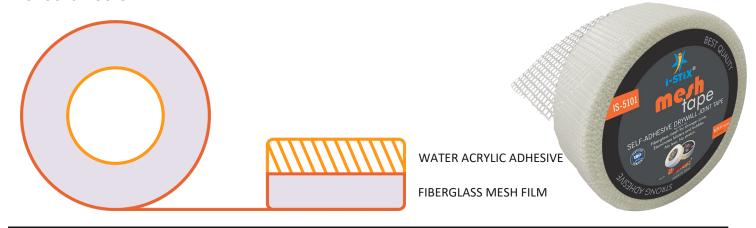
## DRYWALL MESH TAPE – IS 51111 V

60 GSM

### **PRODUCT DESCRIPTION**

IS 51111 V Mesh Tape offers superior flexibility and self-adhesive properties, made from high-quality fiberglass threads or a fiberglass-paper blend. With a water-based acrylic adhesive backing, it ensures easy application and reliable adhesion. Its cross-fiberglass construction provides greater joint strength, ideal for patching drywall and plaster holes and cracks. The tacky backing simplifies installation, sticking independently to walls and enhancing bond strength at flat or corner joints, seams, and wallboard corners, preventing cracks as drywall dries.

#### PRODUCT STRUCTURE



#### **PRODUCT FEATURE**

- **High Tensile Strength:** Delivers robust wall joints that withstand cracking, stretching, wrinkling, and tearing even under pressure from tools.
- Roughened Surface: Ensures a strong bond, enhancing joint integrity and longevity.
- Centre-Crease Design: Simplifies corner applications for hassle-free installation.
- Prevents Blisters and Bubbles: Maintains a smooth finish by preventing surface imperfections.
- Mould and Moisture Resistant: Offers protection against mould and moisture damage, ensuring long-term durability and performance.

#### PRODUCT APPLICATION

- Simplified Application Process: Eliminates the need for an embedding coat, streamlining the application process.
- Reinforces Joint Bonds: Facilitates compound penetration, effectively reinforcing joint bonds.
- Durable Performance: Resists tearing, stretching, and surface distortion, ensuring long-term durability.
- Superior Bonding Strength: Features a roughened surface for superior bonding strength.
- Efficient Finishing: Allows for same-day joint finishing when used with a setting compound, optimizing efficiency.

#### **PHYSICAL PROPERTIES**

CHARACTERISTIC	UNIT	VALUE
COLOR	-	White
BACKING	-	Fiberglass Mesh
ADHESIVE TYPE	-	Water Based
THICKNESS	GSM	60 ± 0.05
TENSILE STRENGTH	N/25MM	≥ 250
PEEL ADHESION	N/25MM	≥ 0.08
ELONGATION	%	≥ 3
TEMPRATURE RESISTANT	°C	0 – 40

CHARACTERISTIC	UNIT	WARP	WEFT
YARN	YARN/10CM	32*2	32*2
TEX	-	33*2	66
TENSILE STRENGH	N/25MM	≥ 500	≥ 500

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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