

TECHNICAL DATA SHEET

KOSITE Fiberglass Nonwoven Tape

OFFICIAL CONTROLLED TDS - APPROVED FOR ISSUE

Document No.	KOS-TDS-FTAPE232-2026	Revision	Rev.01
Issue date	22 August 2026	Product status	Released specification
Document status	Official controlled TDS	Approval status	Approved for issue

Product name	KOSITE Fiberglass Nonwoven Tape
Product type	Single-sided pressure-sensitive reinforced tape
Construction	70 g/m2 nonwoven / 12 g/m2 fiberglass mesh / 150 g/m2 adhesive / 90 g/m2 glassine liner
Tape body mass	Approx. 232 g/m2, excluding liner
Total mass	Approx. 322 g/m2, including liner
Tensile strength	250 N/50 mm
Colour	White; customisable
Primary use	Building-material joints, insulation, membranes, pipe wrapping and surface reinforcement
Manufacturing	China

1. Product Description

KOSITE Fiberglass Nonwoven Tape combines a 70 g/m2 nonwoven face, 12 g/m2 fiberglass mesh reinforcement and a 150 g/m2 single-sided pressure-sensitive adhesive layer. A 90 g/m2 glassine release paper protects the adhesive surface before application.

2. Key Features

- Single-sided adhesive construction for covering, fixing, jointing and reinforcement
- Fiberglass mesh improves dimensional stability and tensile performance
- Nonwoven face supports compatibility with building materials and subsequent layers
- Glassine release liner protects the adhesive surface before installation
- Standard width is 50 mm; roll length is 50 m or 100 m; colour and packaging can be customised

3. Technical Properties

Property	Test method / reference	Declared value	Tolerance / class	Status / remarks
Nonwoven basis weight	Incoming material specification	70 g/m2	+/-5%	Face layer
Adhesive coat weight	Internal coating control	150 g/m2	+/-10%	Single-sided adhesive layer
Fiberglass mesh mass	Incoming material specification	12 g/m2	+/-5%	Reinforcement layer
Glassine liner mass	Incoming material specification	90 g/m2	+/-5%	Release liner
Tape body mass	Calculated from component weights	Approx. 232 g/m2	+/-10%	Excluding release liner
Total mass	Calculated from component weights	Approx. 322 g/m2	Reference value	Including release liner
Tensile strength	Internal tensile test; 50 mm specimen	250 N/50 mm	+/-15%	Declared nominal value
Tape construction	Production specification	Single-sided	Declared	Pressure-sensitive adhesive
Release liner	Material specification	Glassine release paper	Declared	90 g/m2
Colour	Visual inspection	White / customisable	Declared	According to order
Tape width	Internal dimensional measurement	50 mm	Nominal	Standard width
Roll length	Internal dimensional measurement	50 m or 100 m	Nominal	Standard roll length
Storage conditions	Manufacturer's specification	Cool, dry and covered	Required	Protect from sunlight and heat
Quick stick	EN 1945:1996	70 N/50 mm	Declared	Measured value

4. Application and Installation

- Ensure the bonding surface is clean, dry and free from dust, oil and loose material.
- Remove the glassine liner and apply the adhesive side to the prepared substrate.
- Use a roller or uniform pressure to obtain full contact with the bonding surface.
- Suitable for building-material joints, insulation, membranes, pipe wrapping and surface reinforcement.
- Verify suitability on the actual substrate and under the intended service conditions before use.

5. Packaging and Storage

Standard tape width is 50 mm and standard roll length is 50 m or 100 m. Core and packing are supplied according to the purchase order. Store in a cool, dry, covered area protected from direct sunlight, heat, moisture and volatile solvents. Apply first-in, first-out control.

6. Official Status and Compliance

This document is the official controlled product-information release for KOSITE Fiberglass Nonwoven Tape. Declared construction: 70 g/m2 nonwoven, 150 g/m2 adhesive, 12 g/m2 fiberglass mesh and 90 g/m2 glassine liner. Declared tensile strength: **250 N/50 mm**. Declared quick stick: **70 N/50 mm**, tested according to EN 1945:1996.

Product suitability shall be verified against the approved sample, production inspection record, purchase order and actual substrate conditions. No additional certification or fire classification is declared in this TDS.

7. Declared Product Specification

- Nonwoven: 70 g/m2; pressure-sensitive adhesive: 150 g/m2.
- Fiberglass mesh: 12 g/m2; glassine release paper: 90 g/m2.
- Tape body mass: approximately 232 g/m2; total mass including liner: approximately 322 g/m2.
- Tensile strength: 250 N/50 mm; quick stick: 70 N/50 mm according to EN 1945:1996.

8. Document Control

Control role	Responsible function	Name / signature	Date
Prepared by	Technical Department		
Reviewed by	Quality Department		
Approved by	Authorised Signatory		

Revision History

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