

Technical Data Sheet

HS-810S Mesh Fiberglass Tape for Cables

Product Overview

Product Model: HS-810S Fiberglass Tape

Adhesive Type: Composite Special Adhesive

BACK Material: Polyester Film (PET) / Mesh Fiberglass Cloth

Color: Transparent

Features: Reinforced type, easy to operate, neat appearance, high strength, and eco-friendly.

Technical Data

Property	Standard / Value
Total Thickness	180±10 μm
Width	1020 mm
Weight	110±10 g/m ²
Warp Density	8±1 counts / 25 mm
Weft Density	8±1 counts / 25 mm
Tensile Strength	≥250 N / 25 mm
Elongation at Break	≤6%
Temperature Resistance	0°C – 60°C

Note: The technical data above are average values obtained under test conditions of 23±2°C and 60% RH, based on testing methods GB-4852-84, GB-2792-98, and GB-7753-84. These results are reliable test data but do not represent guaranteed values. Actual performance may vary due to environmental changes. Please conduct a trial run to confirm eligibility before bulk application.

Application

HS-810S is a single-sided bidirectional fiberglass reinforced mesh tape. It features excellent tensile strength, low elongation at break, and high wear resistance.

It is widely used for:

Shape fixing and protective bundling of cables.

Bonding and laminating products across various industries.

Fixing cable components.

Insulation bonding and positioning in the electronics industry.

Instructions for Use

Surface Preparation: Clean the cable surface. It is highly recommended to perform the bundling operation under cool and dry conditions.

Application: Stretch the tape as much as possible during application and wrap it evenly, ensuring it completely adheres to the cable surface without any wrinkles.

Storage & Precautions

Storage Environment: The product should be packaged and stored in a cool, dry place. Avoid direct sunlight, freezing, and high temperatures. The optimal storage environment is a temperature of 5°C–30°C and a relative humidity of 40%–60%.

Inventory Control: Please practice stock rotation (First-In, First-Out).

Shelf Life: The shelf life is 6 months (when stored at 20°C and 50% RH).

Surface Condition: The surface of the substrate must be clean, dry, and free of grease or other contaminants. Users should be mindful of the specific application environment.

Operating Temperature: This is a room-temperature tape, suitable for use between 5°C and 40°C.