

Glass Cloth Tape — Class H

HIGH-TEMPERATURE ELECTRICAL INSULATION SOLUTIONS



Product Overview

Class H Glass Cloth Tape is a premium-grade electrical insulation tape constructed from a strong woven fiberglass backing paired with a high-performance adhesive system. Engineered to withstand continuous operating temperatures up to 180°C, it offers exceptional edge-tear resistance, high dielectric strength, and robust mechanical protection for demanding heavy-duty industrial and thermal environment operations.

Technical Specifications Matrix

Specification Parameter	Technical Performance Value
Insulation Class	Class H (Continuous service up to 180°C)
Backing Material	Woven Fiberglass / Glass Cloth Matrix
Adhesive Type	High-Temperature Silicone / Thermosetting Rubber Base
Mechanical Strength	Excellent tensile strength and high edge-tear resistance

Specification Parameter	Technical Performance Value
Dielectric Breakdown	High voltage resistance suitable for electrical coils and motors
Application Norms	Heavy-duty motor winding, transformer insulation, and mask-off taping

Key Operational Advantages

- **Thermal Endurance:** Maintains solid structural flexibility and structural adhesion under rigorous Class H thermal cycles.
- **Corrosion & Chemical Shield:** Highly resistant to industrial solvents, oil contamination, and atmospheric degradation.
- **Flame Retardant Properties:** Naturally inorganic glass construction minimizes toxic emissions and prevents flame propagation.