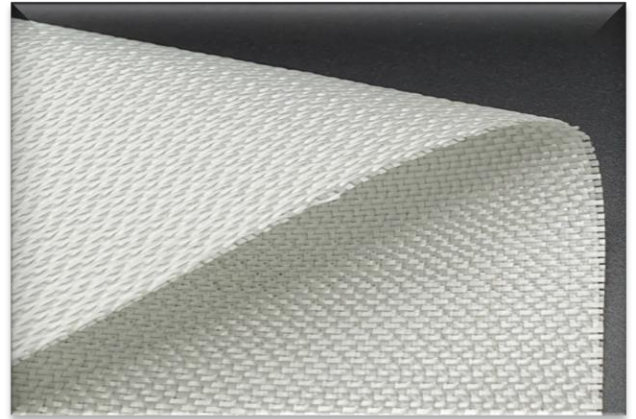


DEF450A/1500 Dip Coated E Glass Fabric

Description

Dip-coated E-glass fabric, typically treated with silicone, polyurethane, or acrylic, is used for high-temperature insulation, fire protection, and industrial sealing. It acts as welding curtains, flexible expansion joints, protective equipment, and specialized covers due to its high heat resistance, durability, and chemical resistance. This Fiberglass fabric is non-asbestos products used for both thermal and electrical insulation in applications including heat shields, welding, stress relieving, removable insulation covers, gasket products, fire blankets, fire curtains, expansion joints and flue ducts.



Applications

- **Thermal Insulation:** Used for machinery jackets, piping covers, and exhaust insulation.
- **Fire & Safety Protection:** Manufactured into fire blankets, welding curtains, and splash protection curtains.
- **Industrial Seals:** Used in flexible compensators and gaskets in piping systems.
- **Protective Covers:** Applied as protective clothing, removable insulation blankets, and covers for industrial machinery to resist abrasion and chemicals.

The dip-coating process (e.g., with silicone) enhances the base E-glass, ensuring the material is resistant to water, weather, UV, and aging while minimizing fraying and shedding.

Technical Data

Weight	450gsm
Thickness	0.5mm
Width – self edged	1500mm
Roll Length	50m
Service Temperature Constant Max	538°C
Melting Temp.	800°C
Lineal Shrinkage @ 700°C	
Thermal Conductivity W/mK	0.85 to 1.00
Weave	Crowfoot
Warp/ Weft strands/cm	
Physiologically Harmless refer MSDS	Yes
Combustibility	Non combustible
Filament Diameter	
Tensile strength (Warp)	6000 N/5cm
Tensile strength (Weft)	4500 N/5cm
Water Absorption	
Yarn	E glass continuous filament smooth fibre
Coating/finishes	A – Alkaline Resistant Copolymer Finish

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