

## DEF530RW/P/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 & Properties

- **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.
- **Rewettable** This fabric is pre-pasted with adhesive and needs only to be dipped in water to soften and reactivate adhesion.
- **Adhesion** - Bonds firmly to fiberglass, calcium silicate, mineral wool, urethane and asbestos.
- **Incombustibility** Material is completely incombustible and meets all the requirements for Class 1 Sheathing materials.
- **Contour ability** this fabric has been specifically designed to contour around tees and elbows uniformly and evenly.
- **Approvals** US Coast Guard spec 164.009 Mil-I-24244, Mil-C-20079 G, Type 1, and Class 6.

#### Base Fabric Style No. TGF280

		Metric	Imperial	Testing Method
<b>Weave</b>		Plain		
<b>Yarn</b>	WARP	ET6 215 Tex	ETDE 22.5	
	WEFT	ET6 215 Tex	ETDE 22.5	
<b>Construction</b>	WARP	8 ± 0.7 ends/cm	20 ± 2 ends/inch	
	WEFT	6 ± 0.6 picks/cm	14 ± 1 picks/inch	
<b>Weight</b>		288 ± 15 g/m <sup>2</sup>	8.5 ± 0.4 oz./yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>		0.38 ± 0.019 mm	0.015 ± 0.002 inch	ASTM D1777-96
Coated Fabric Style No. RW250-5033				
<b>Coating</b>		Inorganic fire retardant adhesive impregnated		
<b>Weight</b>		530 ± 20 g/m <sup>2</sup>	15.5 ± 0.6 oz./yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>		0.58 ± 0.02 mm	0.0228 ± 0.0008 inch	ASTM D1777-96
<b>Colour</b>		White		
<b>Temperature Resistance</b>		550°C	1000°F	

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