



AFB-15045ACW is a premium-grade aluminum-coated fiberglass welding blanket engineered for industrial heat protection. Constructed with E-glass twill weave fabric and laminated on one side with reflective aluminum foil, it offers excellent thermal stability and mechanical integrity.

This product has been independently tested and certified by SGS in accordance with NFPA 701:2023 – Test Method 1, confirming its compliance with international flame propagation standards for textiles and films. It is also FM4950 Test Certified, ensuring it meets rigorous global standards for fire safety and performance in industrial environments.

## Features

- Heat resistant up to 550°C
- Made from E-glass fiberglass with aluminum foil coating
- Single-layer, lightweight and flexible
- NFPA 701:2023, passed flame propagation test
- Ideal for welding, fire protection, and high-temperature zones

## Application

- Protects against heat and flames in workshops and factories
- Insulates pipes, ducts, and machinery
- Acts as fire barrier and spark shield in maintenance areas
- Wraps sensitive equipment during hot work
- Commonly used in oil & gas, marine, power plants, and fabrication workshops

## Technical Data

Aluminum Coated Glass Fiber Welding Blanket			
1MX50MX0.45MM			
1	Part No.	AFB-15045ACW	
2	Weave type	Twill	
3	Base Fabric	E glass fiberglass cloth	
4	Yarn (Tex)	Warp	EC9 68X2
		Weft	EC9 68X2
5	Width	1mtr	
6	Thread Count	Warp	16/cm
		Weft	15/cm
7	Thickness	0.45mm(±0.03mm)	
8	Basic Fabric Weight	450g/m2	
9	Coated	1 side laminated with aluminum foil	
10	Service Temperature	550°C	

## NFPA 701:2023 Test Result



Before test



After test