

Aluminium Foil Laminated Fiberglass Fabric**Aluminium foil laminated fiberglass cloth**

It is made from fine fiberglass yarn with excellent capacity of high temperature and corrosion resistance, laminated with aluminium foil. It is a high-performance product suitable for multiple applications.

Characteristics:

One side coated with Aluminum foil. Protection from intense radiant heat.

Reflects more than 95% of the radiant heat that contacts its surface

Excellent radiant heat protection from sources such as super-hot metal slabs, proximity to liquid metal, infrared heaters, open flame / plasma or engine exhaust manifolds is a concern.

Constructed from a high temperature base fiberglass fabric which is then coated with highly reflective polished aluminum. The aluminum foil coating melts at 1220°F / 660°C, however it does take some time for the aluminum foil to absorb enough heat to melt, thereby it can withstand short exposure to the higher temperatures. The basic fiberglass fabric is 1000°F/537°C, while adhesive will burn-off or vaporize at temperatures above 300°F/148°C.

Applications:

Common applications including flexible joints, smoke screens, heat shields, welding curtains, stress relieving, removable insulation covers, fire blankets, fire curtains, expansion joints and flue ducts .

Specifications:

Part Number	Thickness (mm)	Width (m)	Length (m/roll)	Weave	weight (g/m²)	Note
WF101A	0.1	1 & 1.2	100	Plain	110	Filament glass
WFF102A	0.2	1 & 1.2	100	Plain	220	Filament glass
WFF1041A	0.4	1 & 1.2	50	Twill	450	Filament glass
WFF106A	0.6	1 & 1.2	50	D-Plain	620	Filament glass
WFF1062A	0.6	1 & 1.2	50	Satin	620	Filament glass
WFF108A	0.8	1 & 1.2	50	Stain	880	Filament glass
WFF208A	0.8	1 & 1.2	50	Plain	650	Texturized glass
WFF210A	1.0	1 & 1.2	50	Plain	850	Texturized glass
WFF215A	1.5	1 & 1.2	50	Plain	1050	Texturized glass
WFF220A	2.0	1 & 1.2	50	Plain	1350	Texturized glass
WFF230A	3.0	1 & 1.2	50	Plain	1850	Texturized glass

This fabric is also available with a self-adhesive backing. The adhesive is acrylic based, and will burn-off or vaporize at temperatures above 300°F/148°C. If prolonged use of the self-adhesive fabric above 300°F/148°C is desired, then alternate securing methods such as fasteners, wire or clamps should be used. Personnel should avoid inhaling fumes from the PSA.