

## Product Catalogue      Aluminized Cloth

### AL7628

AL7628, Aluminized Fiberglass Cloth represents a combination product that provides the flexibility with the natural tensile strength and thermal characteristic of natural fiberglass cloth with the enhanced radiative and reflective properties of surface laminated Aluminum layer.



The effective heat conduction mechanism is due to the additional radiative and reflective pathway for excess heat energy provided here by the upper surface Aluminum layer. Bonded to the underlying fiberglass fabric via a non-intrusive fire retardant adhesive, the Aluminum layer provides an extremely effective conduction outlet for excess heat energy.

AL7628 is used widely in the wrapping of other inner insulation material. It is used mainly as a outer layer protective shielding to protect other more sensitive insulation layers on the inside. The physical characteristics of AL7628 is given in the table below:

#### Technical Data

Description	Specification
Density	210 grams / square meter
Temperature Resistance Capability	550 ° C
Tensile Strength-Warp	50 Ibs / inch
Tensile Strength-Weft	40 Ibs / inch
Base Fabric Weave	Fiberglass Plain Weave
Colour and Coating	Aluminum Foil
Thickness	0.20 mm
Width	1.2 metre
Roll Length	100 metres