

Foil-Scrim-MPET(FSM)

FSM-75121

DESCRIPTION

DonFoil FSM-75121 is a 3 layers made with a fiberglass scrim adhered with a fire retardant, thermo-setting adhesive to an aluminum foil and a metalized PET film backing.

DonFoil FSM insulation facing offer critical protection to the insulation blanket used in flexible fire protection systems for commercial kitchen grease ducts and ventilation ducts. Using with ceramic fiber blanket, it will resist wrapping and slumping. This duct insulation wrap foil installs easily due to its high flexibility, low weight and thin profile. DonFoil's scrim-reinforced foil products are specially constructed to provide flame resistance with maximum strength and flexibility. Custom printing of the foil barrier is available. It will provide a nice looking.

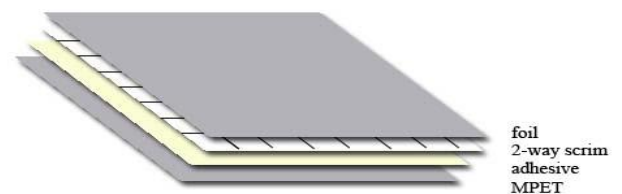
FACING COMPOSITION

ALUMINUM FOIL/SCRIM/ADHESIVE/MPET

Composition	Description	Value(Metric)
Foil	Aluminum	7 micron
Reinforcing	Fiberglass	2-way 5*5
Adhesive	Fire Resistant Glue	---
MPET Film	Metallized Polyester	12 micron

FEATURE

- ✓ **2-way scrim-reinforced**
- ✓ **Aluminum foil and MPET film**
- ✓ **No Kraft**



APPLICATION

- ✓ Ceramic Fiber Blanket Facing
- ✓ Commercial Kitchen Grease Ducts
- ✓ Ventilation Ducts
- ✓ Metal Building Roofs & Walls
- ✓ HVAC Duct Wrap & Duct Board
- ✓ Flex Duct Jacketing
- ✓ Refrigeration Liners
- ✓ Basement / Masonry walls
- ✓ Pipe Wrap insulation
- ✓ Exterior Walls Insulation
- ✓ Interior Walls Insulation
- ✓ Concrete Floors and Slabs

AVAILABLE ROLL WIDTH

1.30m, 1.35m,

AVAILABLE ROLL LENGTH

500m, 1000m or be customized

TYPICAL PHYSICAL PROPERTIES

Physical Properties	Test Method	Value(Metric)
Basis Weight	Scale	50 gsm
Thickness	---	120 um
Tensile Strength - MD	ASTM D828	60 N/25mm
Tensile Strength - CD	ASTM D828	50 N/25mm
Burst Strength	ASTM D774	22 N/cm ²
Water Vapor Permeability	ASTM E96	<0.1 perms
Temperature Range	ASTM D1790	-40°C to 149°C
Flame Spread	ASTM E84	5
Smoke Development	ASTM E84	0
Fire Rating	ASTM E84	Class 1
Emissivity	ASTM E408	0.03

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Contact Donfoil for a complete list of products or a free A4 size sample