

Polypropylene -Scrim-MPET(PSM) PSM-3121

DESCRIPTION

Polypropylene-Scrim-MPET or PSM Facing insulation is a paper free facing, flame retardant, vapor-barrier, and is one of the most commonly used facings in the metal building insulation industry today. A PSK insulation facing is made of a fiberglass scrim adhered with a flame-retardant adhesive to a white PP film and a metalized PET film backing.

As a vital component to the metal building's insulation system, these vapor retarders protect the insulation by isolating and concealing condensation.

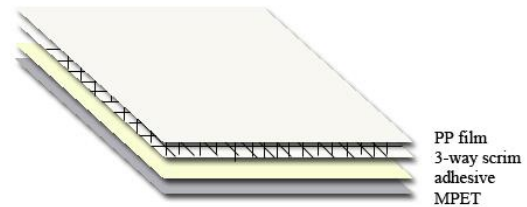
FACING COMPOSITION

PP FILM/SCRIM/ADHESIVE/MPET

| Composition | Description | Value(Metric) |
|-------------|----------------------------|------------------------------|
| White Film | Polypropylene | 25 micron |
| Reinforcing | Tri-directional Fiberglass | 20/100mm(MD) 16/100mm(XD) |
| Adhesive | Fire Resistant Glue | --- |
| MPET Film | Metallized Polyester | 12 micron |

FEATURE

- ✓ **3-way scrim-reinforced**
- ✓ **White PP Film and MPET film**
- ✓ **No Kraft**



APPLICATION

- ✓ Metal Building Insulation Vapor Barrier
- ✓ 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

1.25m, 1.30m, 1.35m,

AVAILABLE ROLL LENGTH

500m, 1000m or be customized

TYPICAL PHYSICAL PROPERTIES

| Physical Properties | Test Method | Value(Metric) |
|--------------------------|-------------|------------------------|
| Basis Weight | Scale | 64 gsm |
| Thickness | --- | 178 um |
| Tensile Strength - MD | ASTM C1136 | 6.1 kN/m |
| Tensile Strength - CD | ASTM C1136 | 6.1 kN/m |
| Burst Strength | ASTM D774 | 7.0 kg/cm ² |
| Water Vapor Permeability | ASTM E96 | 1.15 ng/N's |
| Temperature Range | ASTM D1790 | -40°C to 116°C |
| Mold Resistance | ASTM C665 | No Growth |
| Light Reflectivity | ASTM C523 | 85% |
| Flame Spread | ASTM E84 | 25 |
| Smoke Development | ASTM E84 | 50 |

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