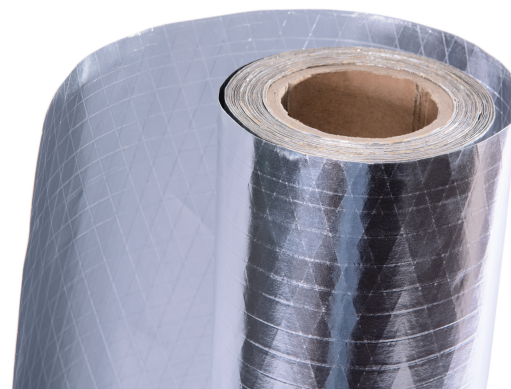


201 HVAC FOIL

201 HVAC Foil consist of doubled sided outer layer of pure aluminum foil laminated to kraft paper. These layers are bonded together with flame-retardant glue and reinforced with continuous strands of fibreglass in three directions for a superior bind.



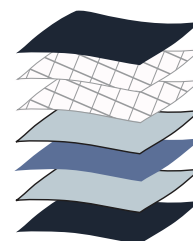
- ✓ Excellent bond strength
- ✓ Prevents moisture and condensation build up
- ✓ Triple layer construction for a higher tensile strength
- ✓ Flame retardant
- ✓ Tear and puncture resistant

APPLICATION

201 HVAC Foil is ideally used as as a vapor barrier and reflective foil insulation for air-conditioning ducts, pipes and vessels, for residential and commercial building. When combined with glass mineral wool insulation, it is excellent as a vapor barrier and reflective foil insulation for air-conditioning ducts, pipes and vessels.

STRUCTURE

The three-layer constructed **201 HVAC Foil** is made of two outer layer consisting of aluminium facings that are bonded with flame-retardant glue and reinforced with continuous strands of fibreglass in three directions to protect the inner core of the natural kraft paper.



< Aluminium foil
< Fiberglass reinforcing scrim
< Fiberglass reinforcing scrim
< Fire-retardant binder
< Natural kraft paper
< Fire-retardant binder
< Aluminium foil

FIRE PERFORMANCE

UL 723 / ASTM E84 Test for Surface Burning Characteristics of Building Material : **Passed**

BS476 Part 6 Fire Propagation Test: **Class 0**

BS476 Part 7 Surface Spread of Flame Test: **Class 0**

AVAILABILITY

1250 mm x 60 m (75 m²)

1350 mm x 60 m (81 m²)

Contact Us :

sales@polyglass.my
+604 390 8460

201 HVAC FOIL

Properties	Classification	Performance
Basis Weight	Scale	28.6 lbs / 1000 ft ²
Permeance (WVTR)	ASTM E96, Procedure A	0.02 perm
Tensile Strength - MD	ASTM D828	45 lbs/in
Tensile Strength - XD	ASTM D828	27.3 lbs/in
Burst Strength	ASTM D774	75.4 psi
Low Temperature Resistance	ASTM D1790 4 hrs @ -40 °F (- 40 °C)	Remains Flexible No Delamination
High Temperature Resistance	ASTM D1790 4 hrs @ +240 °F (+116 °C)	Remains Flexible No Delamination
Emissivity	ASTM E408	0.03

SPECIFICATION NOTES

When specifying, state the following:

Product Name: **201 HVAC Foil**

The double sided reflective aluminium foil insulation to be installed shall be **201 HVAC Foil**, and shall be installed in accordance with AS 4200.2: 2017 Pliable Building Membranes and Underlays, Part 2: Installation.

STORAGE

Product may be stored in a clean, level surface and kept in room temperature, away from wet and heat source.

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