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Radiant Barrier

Structure:

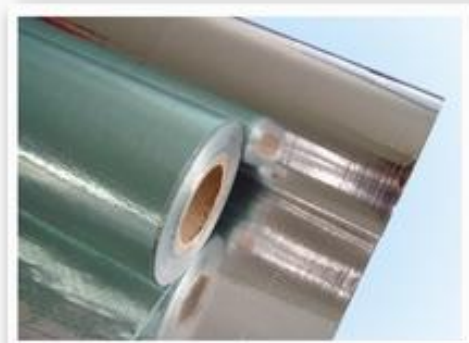
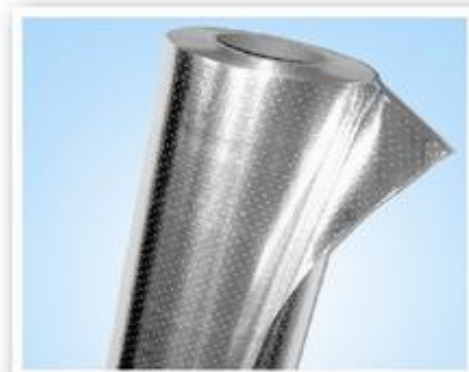
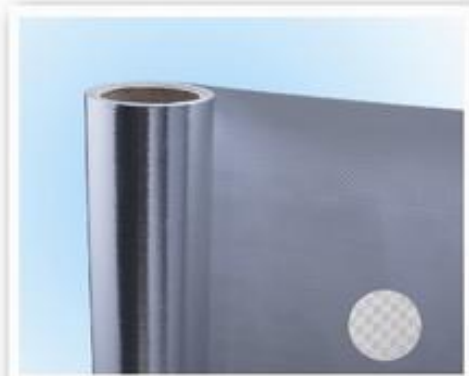
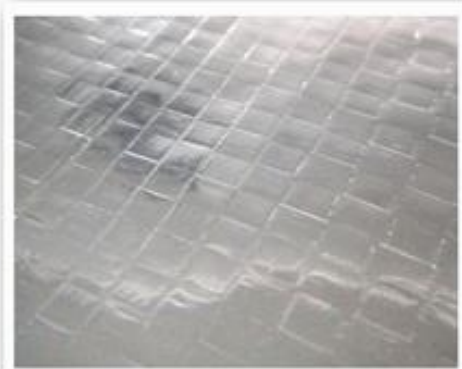
- Alu Foil / Woven Fabric
- Alu Foil / Woven Fabric / Alu Foil
- MPET/ Woven fabric
- MPET/ Woven fabric / MPET
- Perforated Radiant Barrier
- Fire-retardant Radiant Barrier
- Anti-glare Fire-retardant Foil Woven Fabric

Specification:

- Product Name: Radiant Barrier
- Max Width: 1.83 M or 72 inch
- Length: 38.1 M - 3000 M Per Roll
- Thickness: 0.1-0.22mm
- Weight: 95-154gsm
- Standard Roll Dimensions:
1.2M x 50M/roll; 1.2M x 100M/roll;
4'x125'/roll; 4'x250'/roll

Features:

- Achieves thermal break and high R-Value performance reflecting up 97% of radiant heat flow
- Significantly lowers the use of mechanical cooling and heating in buildings
- Safe to handle, quick and easy installation
- Water proof, no moisture retention, no fungi or bacterial growth and fiber free
- Glue free manufacturing process, avoiding ozone depleting substances
- Exceptional fire safety qualities including safe fire retardant additives and non-dripping technology
- Solid version qualifies as an air and moisture barrier



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Radiant Barrier

Attic Insulation

Stop unwanted heat from entering your home through your roof by installing radiant barrier insulation in your attic

Basement Wall Insulation

Insulate the basement walls using radiant barrier. It is waterproof and does not promote the growth of mold or fungi

Roof Insulation

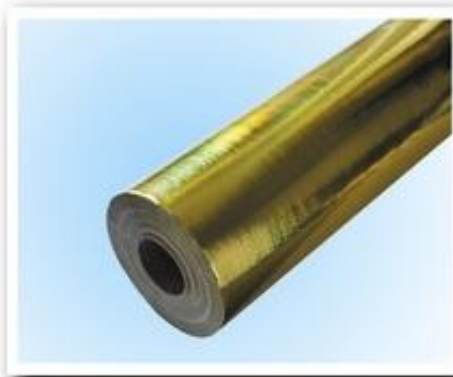
Radiant barrier provides a thermal block and a first line of defense against the heat of sun entering home's attic. It keeps attic much cooler

Laminating with other materials

To make other insulation materials, like bubble foil or foam foil products

Technical Parameters

Structure	Alu/Woven/Alu
Roll Dimensions	4' * 250'/roll
Thickness	0.13mm or 5mil
Weight	13.25kg or 29.2lbs
Reflectivity	97%
Emissivity	0.03 COEF
Water Vapor Permeability	0.015 g/m2 KPA
Clean and Non-Toxic	Pass
Corrosivity	Pass
Mold and Mildew	No Growth
Tear Strength	13.23 lbf (MD) 13.98 lbf (TD)





Poly Foam Foil Insulation

Structure:

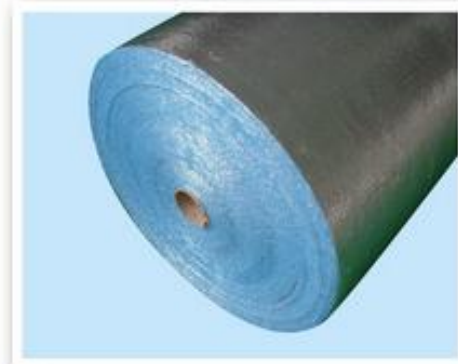
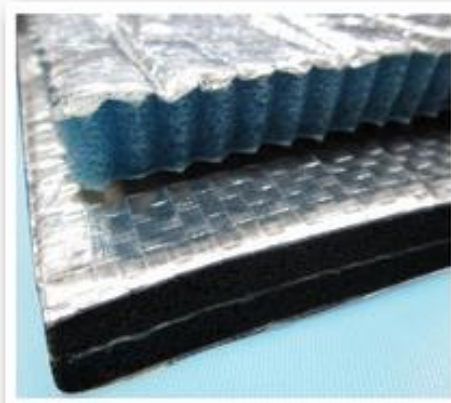
- Alu Foil / Foam
- Alu Foil / Foam / Alu Foil
- Alu Foil / Foam / Woven
- Antiglare FR Foil / Woven / Foam / Foil
- MPET / Foam
- MPET / Foam / MPET
- MPET / Woven / Foam / Woven / MPET

Specification:

- Max Width: 1.83 M or 72 inch
- Thickness: 0.5mm~10mm
- Weight: 60gsm ~ 600gsm
- Roll Dimensions:
1.2m x 30m/roll; 1.2m x 40 m/roll

Features:

- Clean, light weight, easy to handle
- High R-Value performance, reflecting up to 97% of radiant heat
- Effective means of temperature control in a wide variety of application
- easy to install. Just roll the insulation out and staple into place
- Waterproof and non-absorbent; Does not promote growth of mold or fungi
- Exceptional fire safety qualities including safe fire retardant additives and non-dripping technology
- Maximize heating system efficiency by redirecting heat toward its source





Poly Foam Foil Insulation

Attic Insulation

Stop unwanted heat from entering home

Crawl Space Insulation

Installing it in the crawl spaces will keep home warmer in the winter and cooler in summer.

Wall Insulation

Keep home comfortable and energy efficient by installing the foil foam products

Roof Insulation

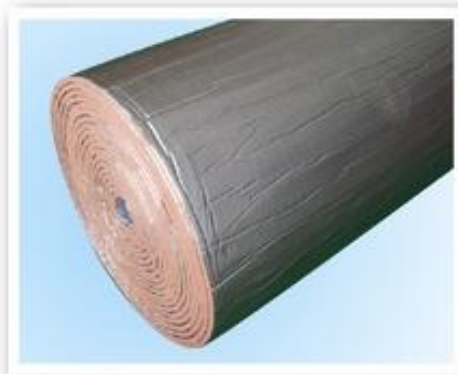
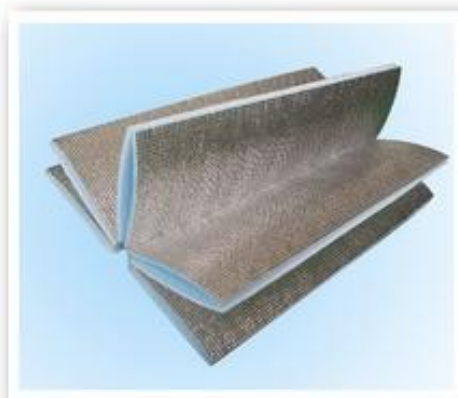
It provides a thermal block and a first line of defense against the heat of sun entering home's attic.

Ice Bag / Car Sunshade, etc.

Technical Parameters

Structure	AL/4mm Foam/AL
Roll Dimension	1.2M*40M
Thickness	4mm
Weight	195g/m
Emittance	0.03
Reflectivity	97%
R-Value	Up to R-11
Flame Spread	25
Water Vapour Transmission	0.012 g/m ² KPA
Fungi Growth	No Fungi
Corrosion	Doesn't generate

Caution: Aluminum is an Electrical Conductor.
Please use caution when working around electrical sources.





Bubble Foil Insulation

Structure:

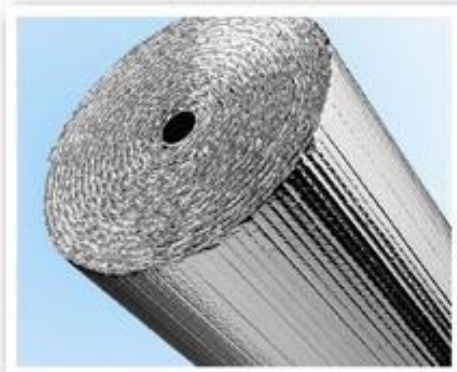
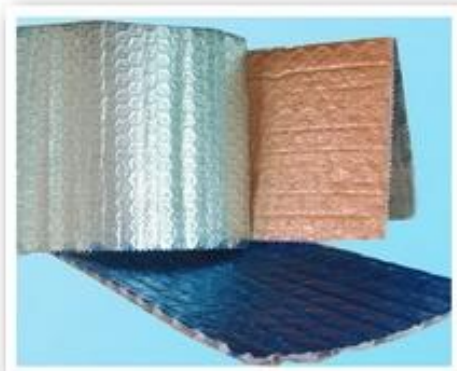
- Alu Foil / Bubble / Alu Foil
- Alu Foil / Bubble / Bubble / Alu Foil
- Alu Foil / Woven / Bubble / Alu Foil
- Alu Foil / Woven / Bubble/ Woven/Alu Foil
- Alu Foil/Bubble/White PE
- Antiglare FR Alu Foil/Bubble/Alu Foil

Specification:

- Thickness:2.5-8 mm
- Bubble Size 10x2.5/3/4mm; 20x6/7/8 mm
- Roll Dimensions: 1.20m x 30m; 1.2m x 40m
- Roll Weight:10-18 kg
- Roll diameter:450- 650mm

Features:

- Water proof, no moisture retention, no fungi or bacteria growth and fiber free
- Advanced high R-Value performance reflection up to 97% of radiant heat flow
- Increase productivity, save energy, heat reduction, and environmental save. Reflective to sunshine and solar heat
- Delivers easy, cost effective for roofs, ceilings, walls and floors
- Safe to handle, quick and easy installation, competitively priced
- Reducing handing, storage and transport costs.
- Inhibits dew point condensation problems





Bubble Foil Insulation

Attic Insulation

Stop unwanted heat from entering home

Crawl Space Insulation

Installing it in the crawl spaces will keep your home warmer in the winter and cooler in the summer. It is durable and easily installed using a staple gun, and prohibits the formation of mold.

Stud Wall Insulation

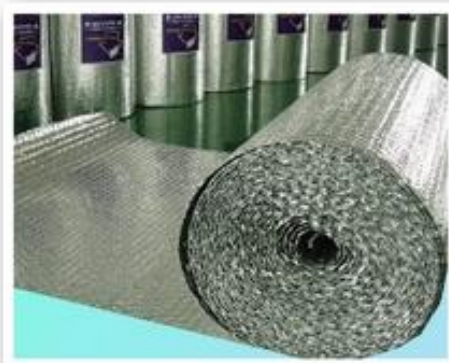
It is unaffected by humidity and moisture making it safer and more effective than mass insulation alone. The polyethylene bubbles create a thermal break while the 99% foil exterior provides protection against radiant heat transfer.

Under Concrete & Radiant Heat Floor Insulation

It provides a radiant heat barrier that keeps concrete from becoming cool. Its design has two layers of bubble with our 97% reflective foil barrier sandwiched between. This configuration prevents the foil from becoming corroded from the concrete's touch.

Technical Parameters

Material Structure	AL/Bubble+Bubble/AL
Bubble Size	Φ 10mm,H 4mm
Bubble Weight	260g/m ²
Thickness	7mm
Weight	385g/m ²
Emissivity	0.03-0.04 COEF
Thermal Conductivity	0.032 W/m0
Apparent Density	54.8 kg/m ³
Reflectivity	96-97%
Vapor Transmission	0.012 g/m ² kpa
Corrosion	Doesn't generate
Tensile Strength(MD)	13.43 Mpa
Tensile Strength(TD)	14.58 Mpa





FSK Insulation

Structure:

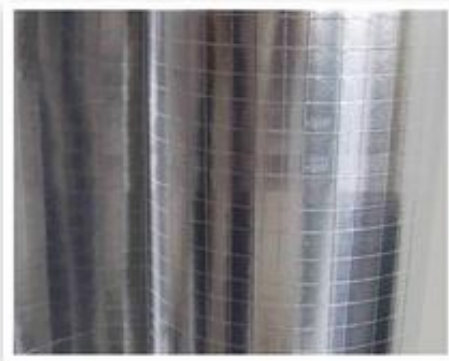
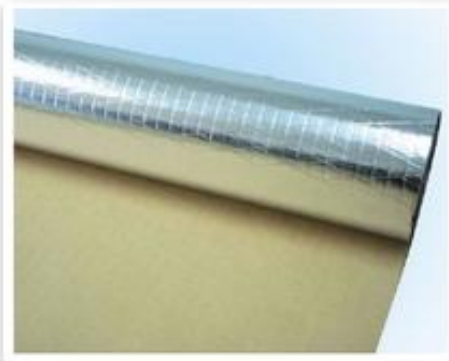
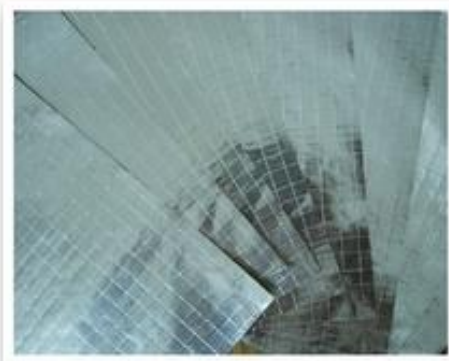
- Foil / 2 ways fiberglass Scrim / Kraft
- MPET / 2 ways fiberglass Scrim / Kraft
- Foil / 2 ways fiberglass Scrim / Kraft / Foil
- MPET / 2 ways fiberglass Scrim / Kraft / Foil
- Foil / 3 ways fiberglass Scrim / Kraft
- MPET / 3 ways fiberglass Scrim / Kraft
- Foil / 3 ways fiberglass Scrim / Kraft / Foil
- MPET / 3 ways fiberglass Scrim / Kraft / MPET

Specification:

- Roll width: 1.0 m, 1.2m, 1.25m, 1.3m, 1.35m
- Roll length: 50-300m, can be cut according to customers' requirements.
- Regular Weight of Kraft:55-150 gsm

Features:

- Reflective to sunshine and solar heat
- Water proof, no moisture retention, anticorrosive, no fungi or bacterial growth
- Easy to laminate with Fibreglass Wool & other material
- Prevent dust and moisture from penetrating inside
- Durable, environmentally friendly
- Can be fire resistant
- Excellent vapor barrier and thermal insulation materials





FSK Insulation

Duct Wrap

To be sealed on glass wool or other material to be used as duct wraps of Air-Conditioning Duct System & the steam heating pipelines

Construction Thermal Insulation

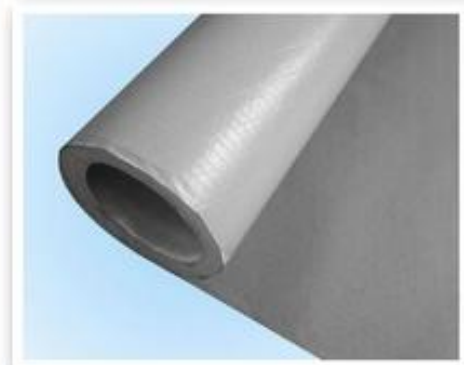
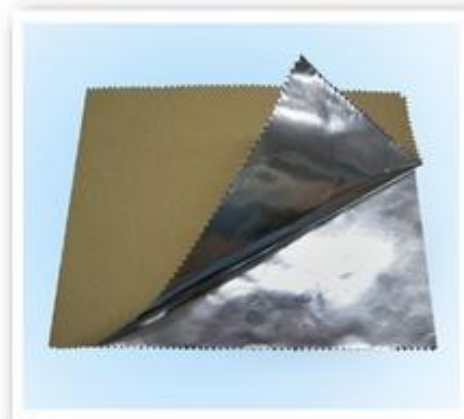
- It can be laminated with fiberglass wool & use in metal structure workshop to keep warmth in during winter and cools in summer & used as sound / heat insulator for high-rise buildings and hotels
- To be used for the partition wall in the high grade building, such as ceiling, air conduit and inner wall for thermal

Packing materials

- To pack the export equipment with excellent functions of non-combustible, heat isolation, vapor barrier, mildew proof, anti-corrosion, and sound-absorbing
- To make Foil Adhesive Tape as accessories of thermal insulation of buildings.

Technical Parameters

Property	Results
Product	Alu / Scrim/80 gsm Paper
Basis Weight	110 gsm
Tensile Strength	MD:3.3kn/m XD:3.3kn/m
Burst strength	180 kpa
Water-resistance	No leakage phenomenon
Low-temperature -resistance	No phenomenon of layered
High temperature -resistance	No phenomenon of layered



Composite Reflective Material

Structure:

- Metalized PE
- MPET + Scrim +MPET
- Metalized CPP +PE
- Metalized OPP+PE
- Metalized PET+ PE
- MPET + Scrim +MPET

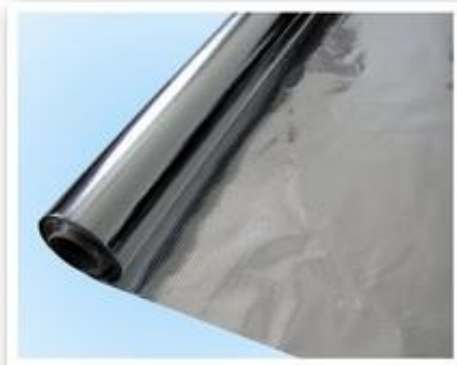
Specification:

- Roll max width: 1.5m
- Roll length: 50-3000m, can be cut according to customers' requirements.
- Thickness of MPET:8mic, 10mic, 12mic
- Weight of PE:3gsm~~20gsm

Features:

- Reflective to sunshine and solar heat
- Water proof & damp-proof
- Easy to laminate with Fibreglass Wool & other material;
- Prevent dust and moisture from penetrating inside
- Durable, environmentally friendly

Packaging:





Composite Reflective Material

Application:

- As flexible packaging and food wrapper
- To laminated with Woven、bubble and EPE、XPE foam as thermal Insulating materials& which could be used as underlay& wrap wall
- To make sunshade or ice bag
- Used as emergency blanket which can retains 80% percent of your radiant body heat
- To make static shielding bag for electronic product



Technical Parameters

Item	Index
Product	VMPET
Tensile-strength (MD/TD)/MPa	≤90
Elongation at break (MD/TD) / %	≥20
Tensile strength (MD)/MPa	≥210
Tensile strength (TD)/MPa	≥210
Moisture permeability / [g/(m ² *24h*atm)]	≤30
Oxygen permeability / [ml/(m ² *24h*atm)]	≤300
Fastness /grade of aluminized coat	≤3



Note: MPET,VMPET,VMCPP and VMOPP mentioned in the document refer to Vacuum Metallised film or Aluminum coating film.



Packaging Material

Structure:

- Al Foil/Nonwoven fabric
- MPET/Nonwoven fabric
- Al Foil/Woven fabric/Bubble/EPE
- MPET/Woven fabric/Bubble/EPE
- Al Foil/Paper
- MCPP/Paper
- MPET/Paper
- Kraft/ Woven Fabric
- Nonwoven Fabric/PE

Specification:

- Roll Max Width: 1.5m
- Roll Length: 50-3000m, can be cut according to customers' requirements
- Thickness:
 - Al Foil: 7 micron/10 micron/ 12micron
 - MPET: 8 micron/10 micron/12 micron

Features:

- Reflective to sunshine and solar heat
- Light weight, clean and good flexibility
- Water proof, moisture proof
- Easy to laminate with EPE foam, XPE foam, Bubble, and Woven fabric
- Prevent dust and moisture from penetrating inside
- Invariable if it is attacked repeatedly
- Productive, save energy
- Protective and versatile
- Durable, environmentally friend





Packaging Material

Daily Use

- To make shopping bag
- To make car cover, ice bag, and bubble mail bag
- To make insulation clothing
- To make cigarette bag or other bags for packing food



Industrial Use

- To pack lift, fragile cargo, machinery,
- Precise instrument
- As wrapper bag in industry
- Agriculture, transportation
- To make pallet cover or container liner to protect the product



Agricultural Use

- To pack chemical fertilizer
- To pack rice, fruit and so on
- To pack food like salt, sugar, cookies and so on
- To pack medical supplies like tweezers and syringe, injector and so on
- To pack powdered products like coffee, powdered juice, powdered milk
- To pack fluid juice, milk and so on

