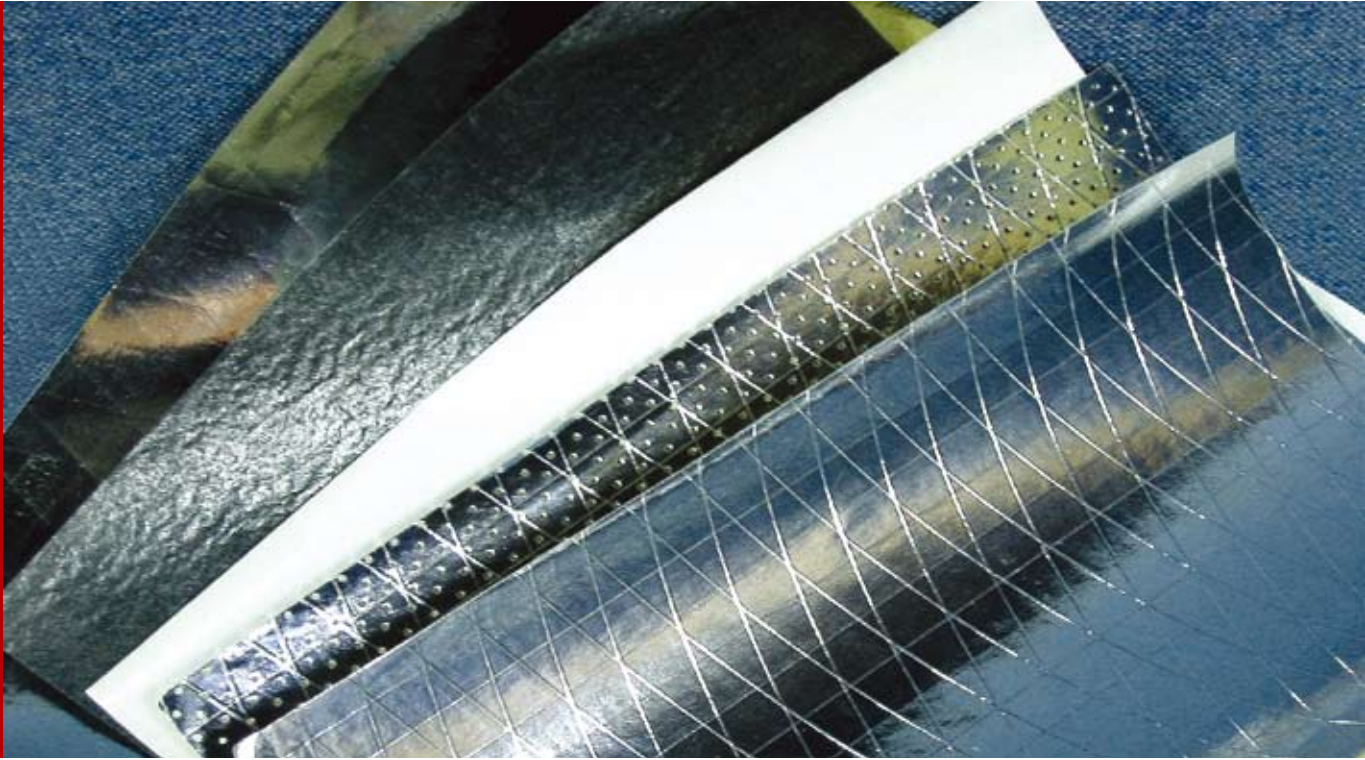


Insulation Facing Materials



Introduction:

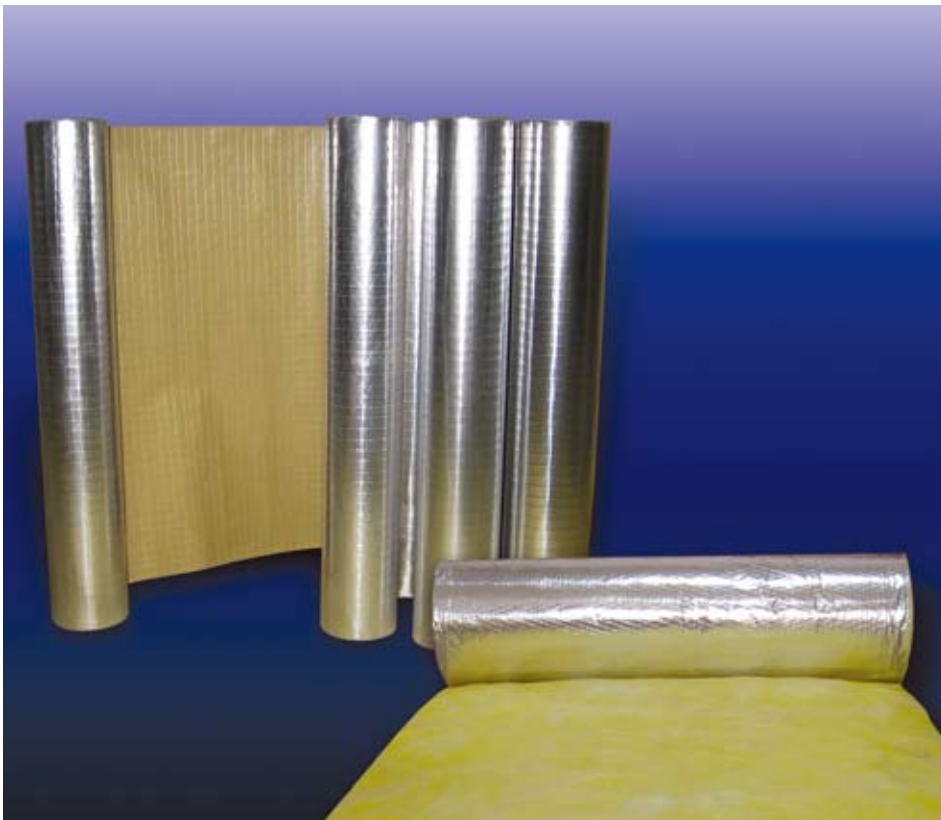
CNBM, China National Building Material Group Corporation is the largest company in China building material & equipment industry with 80000 employees and total assets of 91.80 billion RMB. CNBM International Corporation is the overseas business section of CNBM Group and adopts a rigorous management, strict quality guarantee system and new conception of market. The main market is Middle East, South East Asia, Europe and South America. We also have branch companies in Iran, Dubai, Saudi Arabia, Russia, India and USA.

As the insulation department of CNBM, we specialized in thermal insulation materials including:

Aluminum Foil Facing, Black Fiberglass Tissue and Cloth

The production technologies and products performance of aluminum foil facing have been up to international advanced level. The aluminum foil facing products are mainly used for HVAC system, refrigerators, building thermal insulation and laminated with glass wool and rock wool to increase the insulation function.

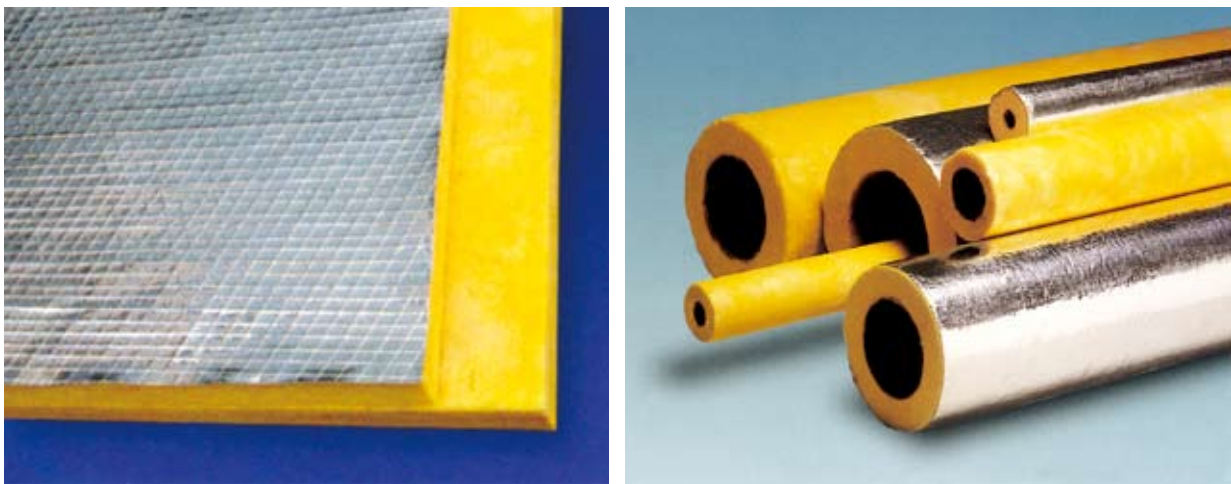
We sincerely welcome the partners around the world to build business cooperation relationship with us on the basis of mutual trust and benefits and development.



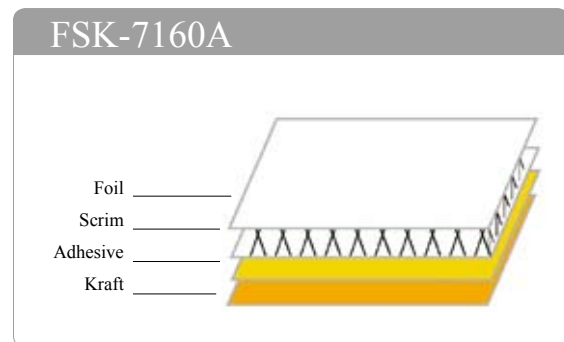
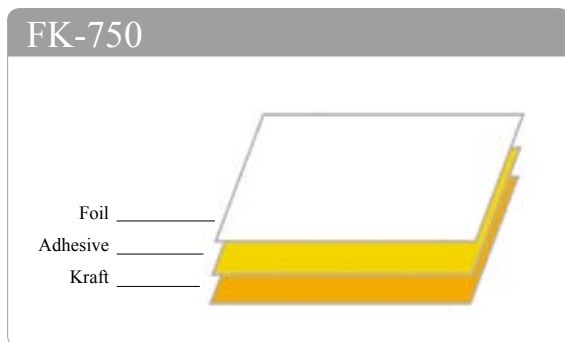
Laminated Insulation Facing

FSK Facing for Duct Wrap

FSK facing is mainly used for duct wrap in HVAC system and other fields, such as vapor barrier etc., and suitable for off-line lamination of glass wool or rock wool. By special processing, the facing will have excellent flame retardant property.



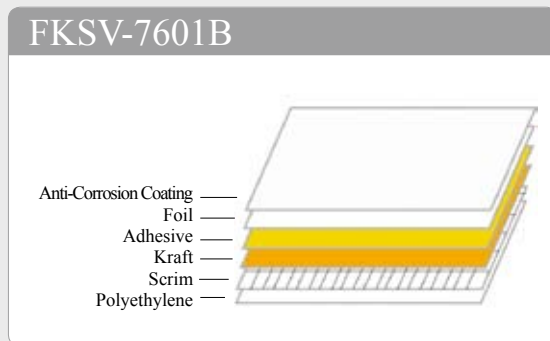
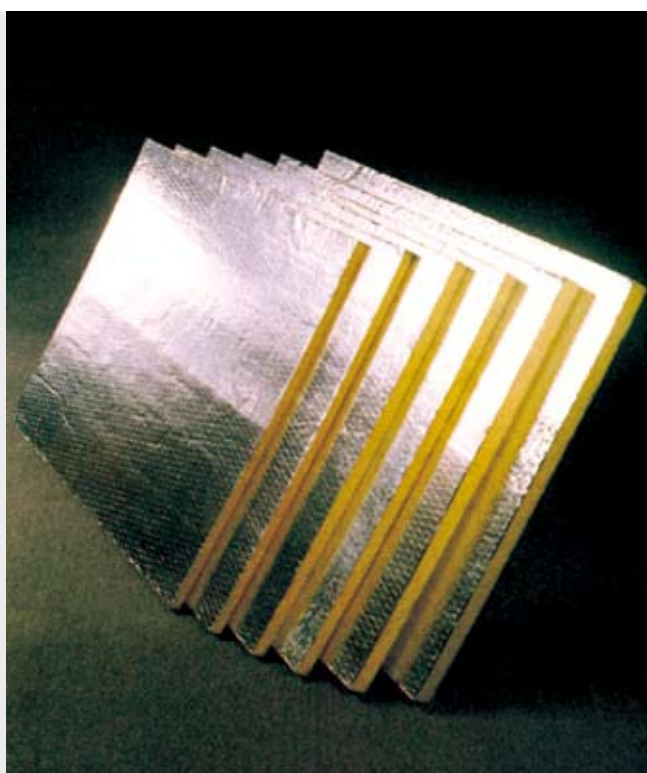
Product	Type	Width(M)	Length(M)	Core(MM)
Single-sided Reinforced Aluminum Foil Facing	FSK-7160A/ FSK-7160B	1.0,1.2,1.25	100,500,2750,3300	76
Aluminum Foil Kraft Facing	FK-760/ FK-750	1.0,1.2,1.25	100,500,2750,3300	76



Laminated Insulation Facing

Heat-Sealing Facing

Heat-sealing foil facing is used for duct wrap without applying extra adhesive and suitable for on-line lamination of glass wool and rock wool.

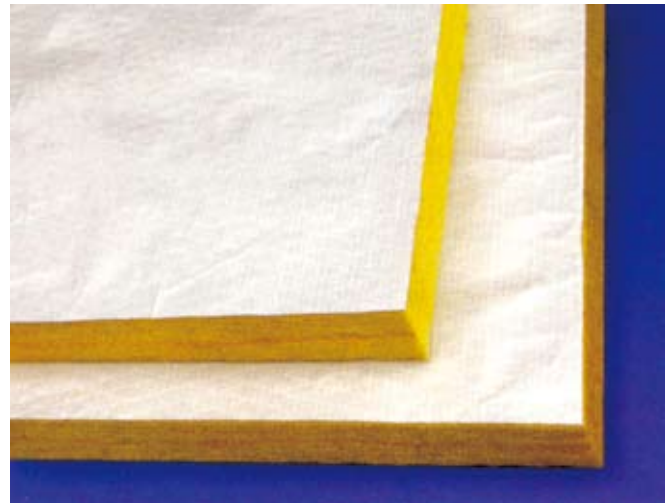


Product	Type	Width(M)	Length(M)	Core(MM)
Heat-sealing Foil Facing	FSKV-7160A/ FSKV-7160B	1.0,1.2,1.25	100,500,2750,3300	76
Anti-corrosion Heat-sealing Foil Facing	FKSV-7602A/ FKSV-7601B	1.0,1.2,1.25	100,500,2750,3300	76
Heat-sealing Foil Kraft Facing	FKV-760/ FKV-750	1.0,1.2,1.25	100,500,2750,3300	76

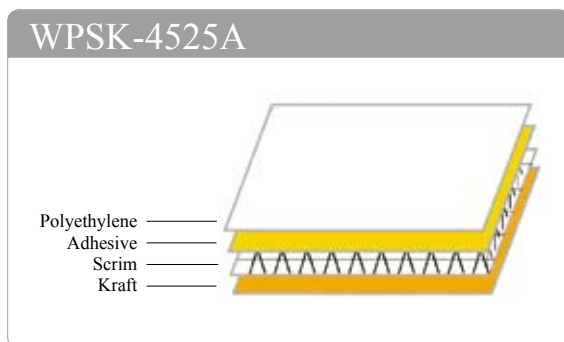
Laminated Insulation Facing

PSK Facing for Metal Building

The PSK facing, whose structure is white polypropylene/ fiberglass scrim/ kraft is mainly used for metal building insulation and suitable for the insulation of ware-house, factory, supermarket, office and so on.



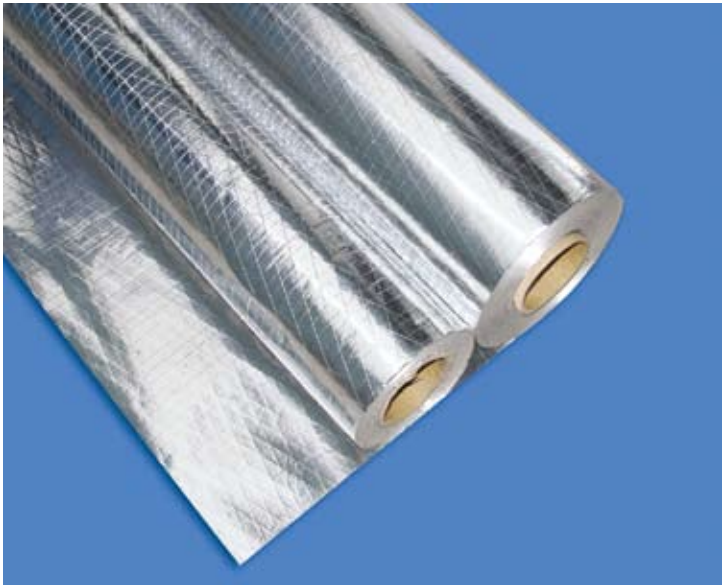
Product	Type	Width(M)	Length(M)	Core(MM)
White Polypropylene Scrim Kraft Facing	WPSK-3535A/ WPSK-4525A	1.2, 1.25	200,500,1000,1200	76
White Polypropylene Scrim Kraft PET Facing	WPSKM-4512A	1.2, 1.25	200,500,1000,1200	76



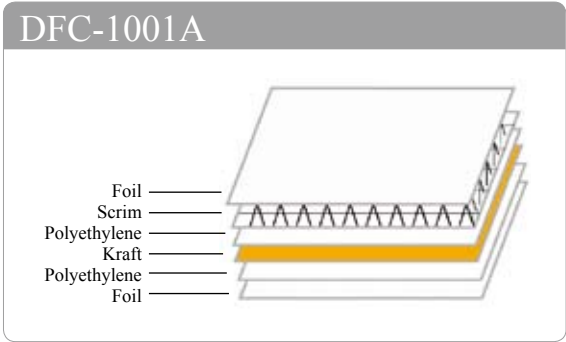
Laminated Insulation Facing

Double Sided Aluminum Foil Vapor Barrier

Double sided aluminum foil vapor barrier, whose structure is aluminum foil/ high strength kraft/fiberglass scrim/aluminum foil and laminated together by special flame retardant adhesive, can be used for roofing, wall insulation of house, warehouse, cold storages, factory and others.



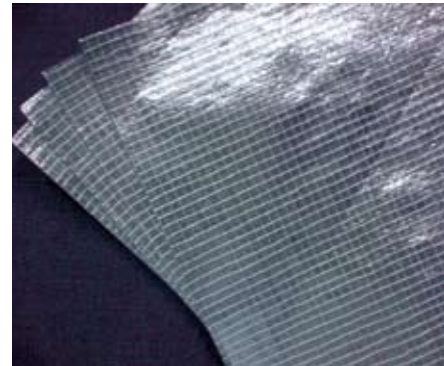
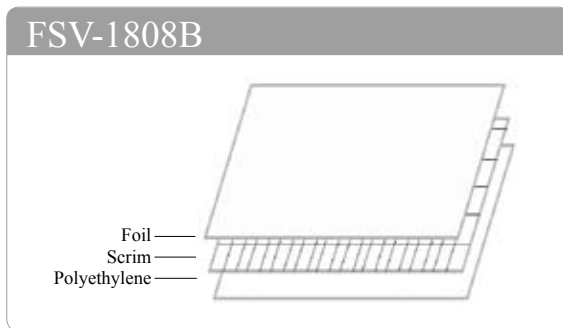
Product	Type	Width(M)	Length(M)	Core(MM)
Double Sided Aluminum Foil Vapor Barrier	DFC-1001A/ DFC-1001B	1.25	50, 60 ,100	38
Double Sided Flame-retardant Aluminum Foil Vapor Barrier	DFR-1001A/ DFR-1001B	1.25	50, 60 ,100	38
Double Sided Aluminum Foil and PET Vapor Barrier	DFM-1001A	1.25	50, 60 ,100	38



Laminated Insulation Facing

Foil Scrim Heat-Sealing Facing

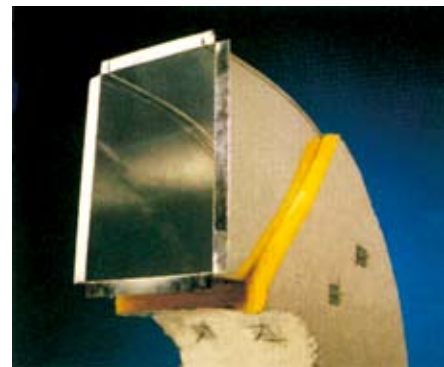
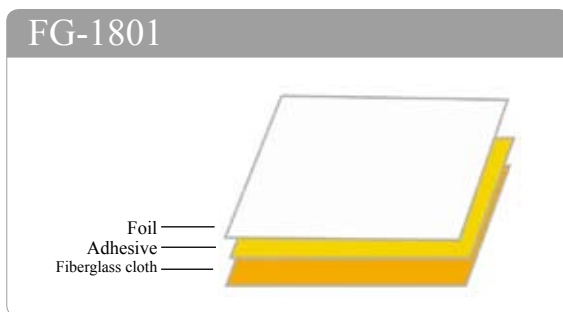
Heat-sealing foil facing consists thicker foil, square fiberglass scrim and a layer of PE coating and is mainly used for on-line lamination with glass wool, rock wool and mineral wool to increase the thermal insulation function.



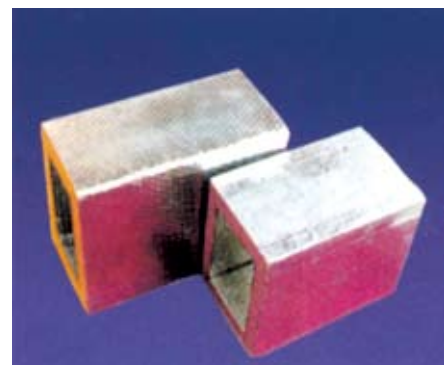
Product	Type	Width(M)	Length(M)	Core(MM)
Foil Scrim Heat-sealing Facing	FSV-1808B	1.2	500,2000	76

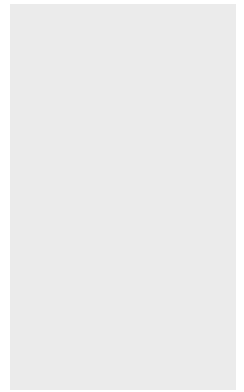
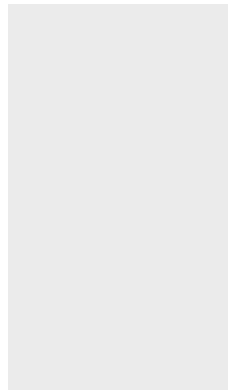
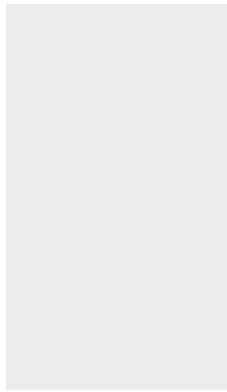
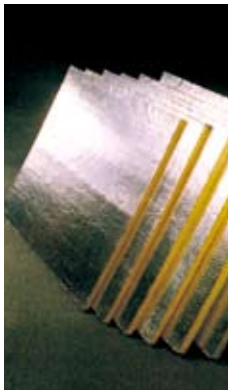
Aluminum Foil Fiberglass Cloth Facing

This kinds of facing is made of aluminum foil and fiberglass cloth, which are laminated together with flame retardant adhesive. Because of good fire retardant property, it is usually used for duct wrap in HVAC system and vapor barrier.

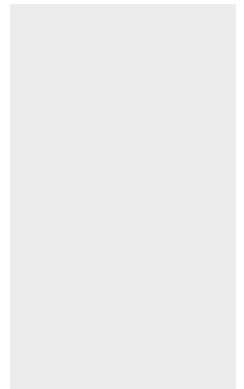
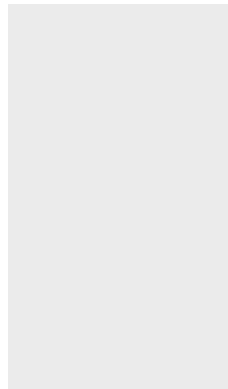
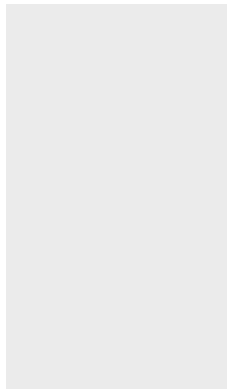
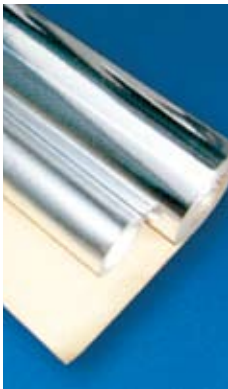


Product	Type	Width(M)	Length(M)	Core(MM)
Foil Fiberglass Cloth Facing	FG-701/ FG-1801	1.2	100,200,300,500	76
Fire Retardant Foil Fiberglass Cloth Facing	FG-701R/ FG-1801R	1.2	100,200,300,500	76

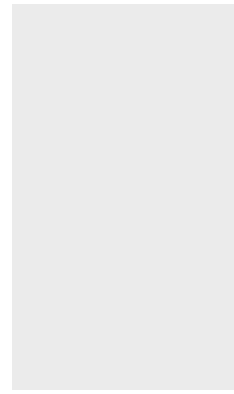
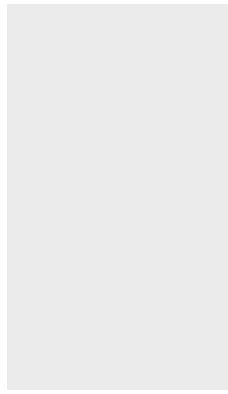
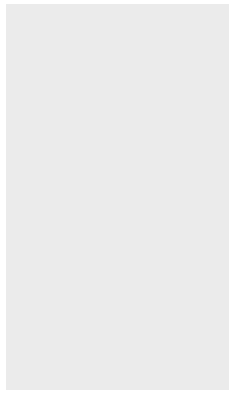
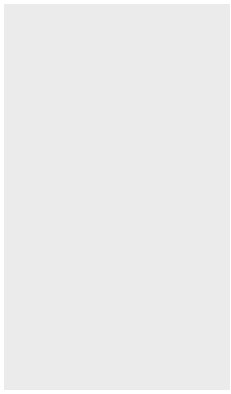




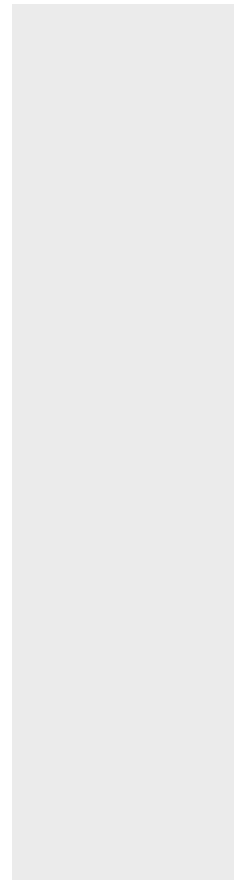
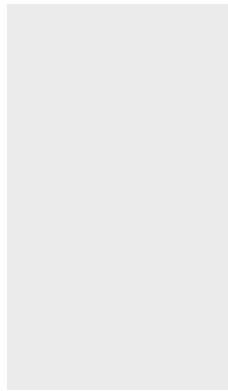
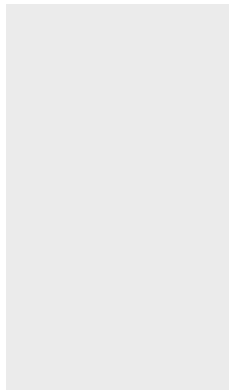
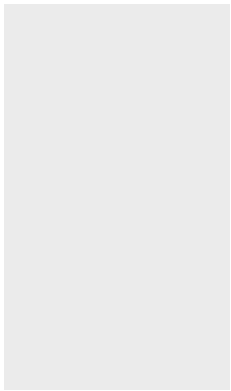
Type	FSK-7160A	FSK-7160B	FSK-R7160A
Construction	7 Micron Aluminum foil / Tri-way fiberglass scrim (8x12 threads/100 MM) / Polyethylene / 60gsm Kraft paper	7 Micron Aluminum foil / Two-way fiberglass scrim (12.5 MM X12.5 MM) / Polyethylene / 60gsm Kraft paper	7 Micron Aluminum foil / Tri-way fiberglass scrim (8x12 threads/100 MM) / Flameretardant adhesive / 60gsm Kraft paper
Basic Weight	96g / m ²	98g / m ²	98g / m ²
Tensile Strength: MD	125 n / 25mm	132n / 25mm	130n / 25mm
XD	50n / 25mm	65n / 25mm	50n / 25mm
Burst Strength:	30n	30n	30n
Reflectivity of Foil Surface	95%	95%	95%
Temp. Resistance	-29°C-66°C, No Delamination	-29°C-66°C, No Delamination	-29°C-66°C, No Delamination
Water Vapor Permeability	5.75ng / N.s	5.75ng / N.s	5.75ng / N.s



Type	DPC	DFC-1001A	WPSK-4525A
Construction	Aluminum foil: 7u/ Fire Retardant Adhesive/ Polyethylene Woven Fabric/ Fire Retardant Adhesive/ Aluminum foil: 7u	Aluminum foil: 7u / Tri-way fiberglass scrim (8x12/100 MM) / Polyethylene / Kraft paper: 60gsm / Polyethylene / Aluminum foil: 7u	White film: Polypropylene 38 microns / Flame retardant adhesive / Tri-way fiberglass scrim (20 x 16/100mm) / Kraft paper: 25gsm
Basic Weight	140g / m ²	110g / m ²	95g / m ²
Tensile Strength: MD	450n / 25mm	110n / 25mm	175n / 25mm
XD	450n / 25mm	40n / 25mm	90n / 25mm
Burst Strength:	150n	20n	30n
Reflectivity of Foil Surface	95%		
Temp. Resistance	-29°C - +66°C, No Delamination	-20°C-66°C, No Delamination	-20°C-66°C, No Delamination
Water Vapor Permeability	1.6 ng / N.s	1.15 ng / N.s	5.75 ng / N.s



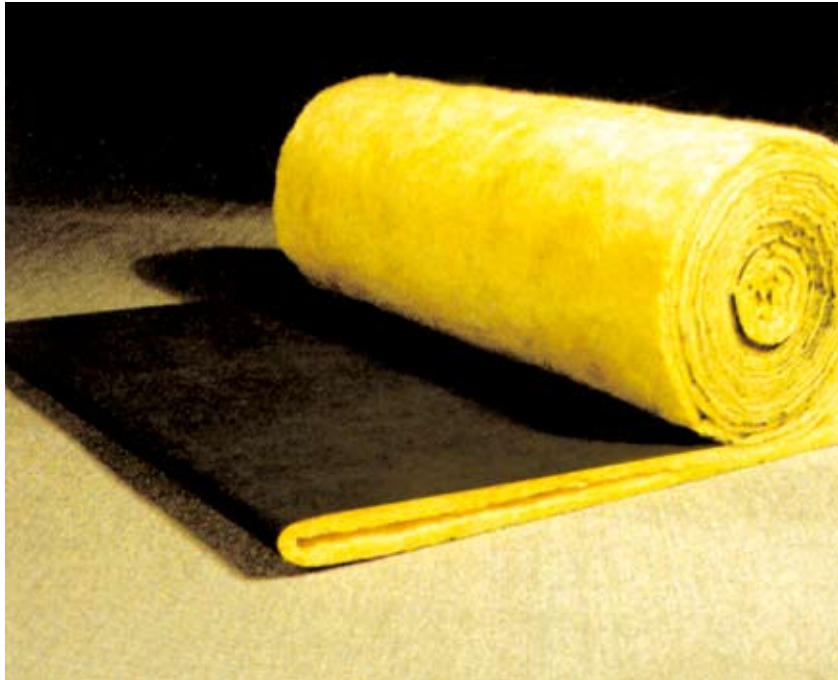
FK-750	FSKV-7160A	FKSV-7601B	FSV-1808B
7 Micron Aluminum foil /Polyethylene / 50gsm Kraft paper	7 Micron Aluminum foil / Tri-way fiberglass scrim (8x12 threads/100 MM) / Polyethylene / Kraft paper: 60gsm / Polyethylene	Anti-corrosion coating / Alum. foil: 7 microns / Heat resistance adhesive / Kraft paper: 60gsm / Two-way fiberglass scrim (12.5 x12.5 MM) / Polyethylene: 25gsm	Alum foil: 18 microns / Two-way fiberglass scrim (5x5MM) / Polyethylene: 20 gsm
80g / m ²	110g / m ²	110g / m ²	75g / m ²
95n / 25mm	132n / 25mm	132n / 25mm	70n / 25mm
50n / 25mm	75n / 25mm	75n / 25mm	70n / 25mm
25n	30n	42n	30n
95%	85%	85%	85%
-29°C-66°C, No Delamination	-29°C-66°C, No Delamination	-29°C-66°C, No Delamination	-29°C-66°C, No Delamination
5.75 ng / N.s		1.15ng / N.s	1.05ng / N.s



FGR-1801R	DFR-1001A	FPC-7180
Aluminum foil: 18 microns / Flame-retardant adhesive / Fiberglass cloth: 110 gsm	Aluminum foil: 7u / Tri-way fiberglass scrim / Flame retardant adhesive / Kraft paper: 60gsm / Flame retardant adhesive / Aluminum foil: 7u	Aluminum foil: 7u/ Fire Retardant Adhesive/ Polyethylene Woven Fabric
170g / m ²	130g / m ²	110g / m ²
300n / 25mm	175n / 25mm	400n / 25mm
160n / 25mm	90n / 25mm	400n / 25mm
200n	40n	140n
95%	95%	95%
-40°C-116°C, No Delamination	-29°C-66°C , No Delamination	-29°C - +66°C , No Delamination
1.15ng / N.s	5.75 ng/N.s	1.6 ng/N.s

Fiberglass Facing

Fiberglass facing is good at fireproof, mildew resistant, damp proof and strong air permeability. After laminated with glass wool or rock wool, the physical properties is excellent such as heat preservation, noise elimination, fire retardant, extinction, etc.



Black Fiberglass Tissue

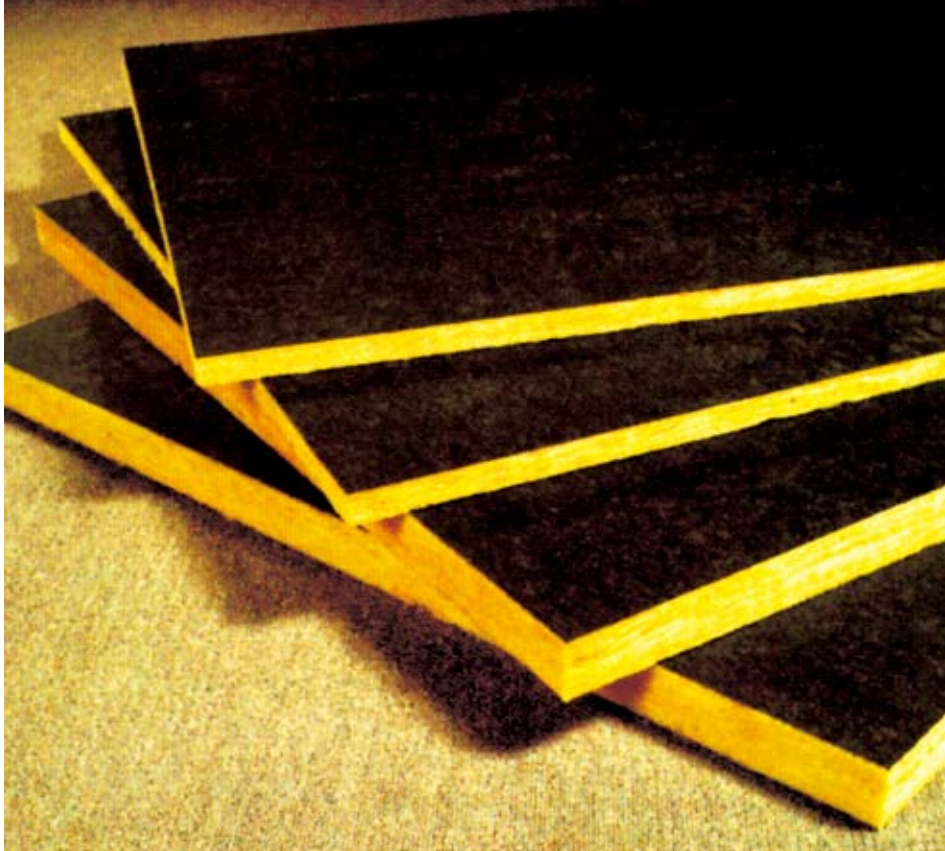
Product	Type	Width(MM)	Length(M)	Core(MM)
Black Fiberglass Tissue	BFT-001	1000, 1200	200, 500	76 ,152
Black Fiberglass Tissue with PE Coated	BFT-001P	1000, 1200	200, 500	76 ,152

Black Fiberglass Cloth

Product	Type	Width(MM)	Length(M)	Core(MM)
Black Fiberglass Cloth	BFC-001	1000, 1200	200, 500	76 ,152
Black Fiberglass Cloth with PE Coated	BFC-001P	1000, 1200	200, 500	76 ,152

Color Tissue

Product	Type	Width(MM)	Length(M)	Core(MM)
Spray Coating Tissue	600# / 700# / 700W / 700X / 700Y / 700Z	600, 1200	0.6,1.2	
Scraping Coating Tissue	101# / 101A / 101B / 101C / 111 / 113 / 131	600, 1200	0.6,1.2,100,300	76 ,152
Printing Tissue	403# / 405# / 406# / 501#	600, 1200	0.6,1.2,100,300	76 , 152



Type	BFT-001	BFC-001	700#	BFT-001P
Weight	65g / m ²	160g / m ²	380g / m ²	90g / m ²
Thickness	0.4mm	0.2 mm	0.55mm	0.42mm
Tensile Strength MD	120n / 5cm	800n / 5cm	130n / 5cm	120n / 5cm
Tensile Strength XD	100n / 5cm	500n / 5cm	110n / 5cm	100n / 5cm



CNBM International Corporation
Floor 17th, No.4 Building, Zhuyu International Commercial Center,
No.9, Shouti South Road,Haidian District, Beijing 100048, China

New Zealand Agent:

Owen Corporation (NZ) Ltd
Phone: 0274963423
Email: info@owencorp.com