

ALUMINIUM FOIL INSULATION

Aluminium tape

In HVAC industry and building insulation segment, self-adhesive aluminium tape provides fast and permanent bond on laminated insulation facing and forms an excellent moisture and vapor barrier. Which are suitable for seam sealing and joint bonding of various laminated insulation facings. The applications include: Duct Wrap, Wall Insulation, Metal Building Insulation, Pipe Insulation, Hot Water Tank Insulation.



Standard Size

Thickness	25 μ (micron meter), 30 μ, 40 μ, 50 μ, 60 μ
Length	30m, 30 Yds, 50m, 50 Yds, 100m
width	2", 3", 4"
PSK tape Thickness	Alum. Foil: 7 μ

Technical data

PROPERTIES	UNIT	VALUE	TEST METHOD
Peel Adhesion	N/25mm	16-23	PSTC-1
Rolling Tack (1mm ball)	Cm	<=30	PSTC-6
Adhesion to liner	N/25mm	<=0.5	PSTC-4
Temp. Resistance	°C	-10 -- +130	

Aluminium foil facing

	F40A POLYPROPYLENE-SCRIM-KRAFT for Metal Building		F40A FOIL-SCRIM-KRAFT FACING & VAPOUR BARRIER		F40AR FLAME-RETARDENT FOIL- SCRIM-KRAFT		F80A DOUBLE SIDED REFLECTIVE ALUM. FOIL INSULATION		F80 FACING FOR ACOUSTIC ABSORPTION MATERIAL/PERFORATED DOUBLE SIDED FOIL FACING	
Core function	w/16 μm polypropylene 38 microns Flame retardent adhesive TI-way fiberglass scrim: 20' 16' 100mm Kraft paper: 25 μm		aluminum foil: 7microns ti-way scrim: 8' 12 threads adhesive: polyethylene kraft paper: 60 μm		Aluminum foil: 7microns ti-way scrim: 8' 12 threads adhesive: Flame retardent kraft paper: 60 μm		aluminum foil: 7 microns two-way scrim: 12.5"12.5mm flame retardent adhesive kraft paper: 60 μm flame retardent adhesive aluminum foil: 7 microns		aluminum foil: 7 microns two-way scrim: 12.5"12.5mm flame retardent adhesive kraft paper: 60 μm flame retardent adhesive aluminum foil: 7 microns	
PROPERTIES	UNIT VALUE	TEST METHO D	UNIT VALUE	TEST METHO D	UNIT VALUE	TEST METHO D	UNIT VALUE	TEST METHO D	UNIT VALUE	TEST METHO D
Basic weight	99gsm	ASTM D646	99gsm	ASTM D646	99gsm	ASTM D646	139gsm	ASTM D646	140gsm	ASTM D646
Thickness length: M.D. X.D.	175(N/29mm) 90(N/29mm)	ASTM D828	125(N/29mm) 90(N/29mm)	ASTM D828	135(N/29mm) 90(N/29mm)	ASTM D828	150(N/29mm) 60(N/29mm)	ASTM D828	130(N/29mm) 90(N/29mm)	ASTM D828
Burst strength	30N	ASTM D747	30N	ASTM D747	30N	ASTM D747	35N	ASTM D747	30N	ASTM D747
Temp. Resistance	-25°C No Delamination +85°C No Delamination	ASTM C 1263	-25°C No Delamination +85°C No Delamination	ASTM C 1263	-40°C No Delamination +115°C No Delamination	ASTM C 1263	-25°C No Delamination +85°C No Delamination	ASTM C 1263	-40°C No Delamination +115°C No Delamination	ASTM C 1263
Water vapor permeability	0.79(max) Ng/N.s	ASTM E96	0.75 (Ng/N.s)	ASTM E96	0.75(max) Ng/N.s	ASTM E96	1.15 Ng/N.s	ASTM E96		
Fire rating	Class 0	BS476 Pt. 6 & 7			Class 0	BS476 Pt. 6 & 7				
Reflectivity of oil surface			95%		95%					
size	Width: 1.25m, 1.30m, 1.37m Length: 500mm, 1000mm, 1800mm Core I. D.: 3'(76mm+/-)		Width: 1.0m, 1.2m, 1.25m, 1.30m, 1.35m Leng th: 300m, 500m, 1800m, 2730m, 3300m Core I. D.: 3'(76mm+/-)		Width: 1.0m, 1.2m, 1.25m, 1.30m, 1.35m Length: 300m, 500m, 1800m, 2730m, 3300m Core I. D.: 3'(76mm+/-)		Width: 1.25m, 1.35m Leng th: 50m, 60m, 100m Core I. D.: 1.5'(38mm+/-)		Hole diam eter: 1.5mm Width: 1.25m, 1.35m Leng th: 30m, 50m, 60m Core I. D.: 3'(76mm+/-)	



FOAM PRODUCTS

Insulation sheet

The same material as SCflex pipe, it's widely used for insulating pipe and duct, helping stopping condensation and energy-saving. meanwhile, it's also selected to be made to various shapes for thermal insulation, gasket, noise-reduction vibration-dampening uses.

self-adhesive sheet is offered upon request

Packing list

TK	3mm	6mm	9mm	13mm	19mm	25mm	32mm
Flat sheet	1.2*1m	1.2*1m	1.2*1m	1.2*1m	1.2*1m	1.2*1m	1.2*1m
Flat sheet packing	50pcs/ctn	25pcs/ctn	15pcs/ctn	12pcs/ctn	8pcs/ctn	6pcs/ctn	5
Roll sheet	1*10m	1*10m	1*10m	1*10m	1*10m	1*10m	1*10m

Standard carton for flat sheet: 1250mm*1050mm*188mm

foam tape

TP-PN07-- Self Adhesive Insulation Foam Tape

especially designed for wrapping hot or cold pipings and fittings. With the same excellent quality as the SCflex sheet and the easy way to use, it becomes a good solution to insulation and cost-saving when insulation pipe is hard to be installed. And it adheres firmly to all metals with with selected acrylic pressure sensitive adhesive.



Standard size	3mm *50mm *9.14m (30ft)
Packing	individually in PE bag and carton, 30 rolls in a big master carton

TP-XPE07---crosslinked PE foam tape

With crosslinked foam structure, it's better performance than PE foam tape and widely used for wrapping pipe because of reasonable price.



Standard size	3mm *50mm *9.14m (30ft)
Packing	individually in PE bag, 30 rolls in a big master carton

TP-PVC08---PVC foam sealant tape

Made of flexible closed cell PVC foam and a layer of acrylic composition applied either to one face or to both faces. When compressed between two smooth surfaces, it forms a reliable duct and air seal.its application include: glazing, security glazing, seals for ductwork in ventilation and air-conditioning system.



Size	Thickness	Width	Length
value	3mm - 5mm	15mm - 100mm	5m - 30m

