

MPET-Scrim-Kraft(MSK)

MSK-7351A

Product Application

Metalized PET foil Scrim Kraft or MSK insulation is a vapor-barrier, and is one of the most commonly used facings in the insulation industry today. A MSK insulation facing is made of lightweight MPET foil that is layered against a fiberglass scrim and then paired with a final layer of natural brown kraft paper. This is then all laminated together using a flame-retardant adhesive.

MSK insulation is most commonly utilized with duct wrap, duct board, and mechanical spin-glass boards on the outward-facing, exposed surfaces of HVAC ductwork, but is also used in batts for exterior walls, and ceilings.

Facing Composition

Facing Composition	Description	Value(English)	Value(Metric)
Foil	MPET	0.28 mil	8 micron
Reinforcing - MD	Fiberglass	2 /inch	8 /100mm
Reinforcing - XD	Fiberglass	3 /inch	12 /10mm
Adhesive	Glue	-----	-----
Kraft	Natural	30 lbs/3000 ft2	55gsm

Typical Physical Properties

Physical Properties	Test Method	Value(English)	Value(Metric)
Basis Weight	Scale	14.77 lbs/ 1000ft2	72 gsm
Permeance (WVTR)	ASTM E96,Procedure A	0.1 perm	5.75 ng/N.s
Tensile Strength - MD	ASTM D828	26 lbs/lb	115 N/25mm
Tensile Strength - XD	ASTM D828	11.5 lbs/lb	50 N/25mm
Burst Strength	ASTM D774	43.5 psi	30 N/cm2
Low Temperature Resistance	ASTM D1790 4hrs @-40°F(-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	ASTM D1790 4hrs @+240°F(+116°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Dimensional Stability	ASTM D1204@°150F(65°C)	Less than 0.5%	Less than 0.5%
Emissivity	ASTM E408	0.03	0.03

Available Roll Width: 1.0m,1.2m,1.25m Available Roll Length: 50m,60m,200m,or be customized

Remarks:

1. The data above are typical values only, and should not be used for specifications purpose.
2. Tolerance: Weight and Thickness: $\pm 10\%$; Width: $\pm 3\text{mm}$; Length: Log Roll: $\pm 0.3\text{m}$, Jumbo Roll $\pm 0.5\%$.
3. The products should be stored at room temperature, kept away from wet and heat source.
4. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.

Hangzhou DONFOIL Insulation Co.,Ltd

Xindeng Industrial Park,Fuyang, Hangzhou,Zhejiang,China

www.donfoil.com +86 18868836898 info@donfoil.com

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