

FSK-716A

A commercial grade Foil-Scrim-Kraft Facing with 3-way scrim and 60gsm Kraft, mainly used as a facing & vapor barrier for glasswool / rockwool / mineral wool / foam duct wrap insulation, also suitable for other insulation applications where a general use vapor retarder is needed. It is also a good choice for radiant barrier applications because of its low emissivity.

Shengli Abrasvie & Adhesive

Facing Composition

Facing Composition	Description	Value (English)	Value (Metric)
Foil	Aluminum	0.28 mil	7 micron
Reinforcing - MD	Fiberglass	2 / inch	8 / 100mm
Reinforcing - XD	Fiberglass	3 / inch	12 / 100mm
Adhesive	Polyethylene	-----	-----
Kraft	Natural	36.6 lbs / 3000 ft2	60gsm

Typical Physical Properties

Physical Properties	Test Method	Value (English)	Value (Metric)
Basis Weight	Scale	19.4 lbs / 1000 ft2	95 gsm
Permeance (WVTR)	ASTM E96, Procedure A	0.1 perm	5.75 ng/N.s
Tensile Strength - MD	ASTM D828	29.5 lbs/in	130 N/25mm
Tensile Strength - XD	ASTM D828	13.6 lbs/in	60 N/25mm
Burst Strength	ASTM D774	43.5 psi	30 N/cm2
Low Temperature Resistance	ASTM D1790	Remains Flexible	Remains
	4 hrs @ -40 °F (- 40 °C)	No Delamination	No Delamination
High Temperature Resistance	ASTM D1790	Remains Flexible	Remains
	4 hrs @ +240 °F (+116 °C)	No Delamination	No Delamination
Dimensional Stability	ASTM D1204 @ 150F	Less than 0.5%	Less than 0.5%
Emissivity	ASTM E408	0.03	0.03



