

FK-706

A utility grade Foil-Kraft Facing which consists of 7 micron foil and 60gsm Kraft paper, mainly used as a facing & vapor barrier of 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
Adhesive	Polyethylene	-----	-----
Kraft	Natural	36.8 lbs / 3000 ft2	60gsm

Typical Physical Properties

Physical Properties	Test Method	Value (English)	Value (Metric)
Basis Weight	Scale	17.4 lbs / 1000 ft2	85 gsm
Permeance (WVTR)	ASTM E96, Procedure A	0.1 perm	5.75 ng/N.s
Tensile Strength - MD	ASTM D828	23.9 lbs/in	105 N/25mm
Tensile Strength - XD	ASTM D828	12.5 lbs/in	55 N/25mm
Burst Strength	ASTM D774	29 psi	20 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

