

FSK-R715B

An F/R grade Foil-Scrim-Kraft Facing with 2-way scrim and 50gsm Kraft, mainly used as a facing and vapor of duct wrap insulation required good fire rating, 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	1/2 inch spacing	12.5mm spacing
Reinforcing - XD	Fiberglass	1/2 inch spacing	12.5mm spacing
Adhesive	Flame-Retardant	-----	-----
Kraft	Natural	30 lbs / 3000 ft ²	50gsm

Typical Physical Properties

Physical Properties	Test Method	Value (English)	Value (Metric)
Basis Weight	Scale	16 lbs / 1000 ft ²	78 gsm
Permeance (WVTR)	ASTM E96, Procedure A	0.1 perm	5.75 ng/N.s
Tensile Strength - MD	ASTM D828	26 lbs/in	115 N/25mm
Tensile Strength - XD	ASTM D828	12.5 lbs/in	55 N/25mm
Burst Strength	ASTM D774	43.5 psi	30 N/cm ²
Low Temperature Resistance	ASTM D1790 4 hrs @ -40 °F (- 40 °C)	Remains Flexible No Delamination	Remains No Delamination
High Temperature Resistance	ASTM D1790 4 hrs @ +240 °F (+116 °C)	Remains Flexible No Delamination	Remains No Delamination
Dimensional Stability	ASTM D1204 @ 150F	Less than 0.5%	Less than 0.5%
Emissivity	ASTM E408	0.03	0.03
Fire Rating	UL 723 / ASTM E84	Less 25 / 50 - Passed	Less 25 / 50 - Passed
Fire Rating	BS 476 Pt 6 & 7	Class O - Passed	Class O -