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FB 1266 ASJ
Product Information

PRODUCT DESCRIPTION:

FB 1266 ASJ (All Service Jacket) is an aluminum foil/scrim/bleached paper product used primarily for pipe and equipment (mechanical) insulation applications as a vapor retarder or facing. It is typically used with the white paper side exposed. It features our heaviest aluminum foil (1 mil), for maximum abuse resistance and extremely low permeance.

Please contact Technical Service for help with product and applications questions at 877-5COMPAC (1-877-526-6722).

PRODUCT STRUCTURE	DESCRIPTION	DIMENSIONS	
Finish Side Substrate	High Opacity White Paper	45 lb/3000 sq. ft	75 g/sq.m
Adhesive	Flame Retardant	High Performance	
Machine Direction Reinforcing	Fiberglass	5 inch	5 mm spacing
Cross Direction Reinforcing	Fiberglass	5 inch	5 mm spacing
Back Side Substrate	High Purity Aluminum Foil	0.001 inch	25 micron

PHYSICAL PROPERTY	TEST METHOD	VALUE	
Permeance	ASTM E 96, Procedure A	0.01 perm	0.58 ng/sq·m·s·Pa
Puncture Resistance	TAPPI T 803	50 Beach units	1.5 Joules
Machine Direction Tensile Strength	ASTM D 828 (per C 1136)	60 lb/inch	10.5 kN/m
Cross Direction Tensile Strength	ASTM D 828 (per C 1136)	40 lb/inch	7.0 kN/m
Burst Strength	ASTM D 774	70 psi	475 kPa
Mold and Mildew Resistance	ASTM C 1338	no growth of organisms	
Humidity Resistance	ASTM C 1258	no corrosion or delamination	
Dimensional Stability	ASTM D 1204 @ 150°F (65_C)	does not exceed 0.5% change	
Low Temperature Resistance	ASTM C 1263 (per C 1136)	-41°F	-41°C
High Temperature Resistance	ASTM C 1263 (per C 1136)	+240°F	+115°C
Emissivity	ASTM C 1371	0.03	
Thickness, Nominal	Micrometer at Thickest Points	10.5 mils	260 microns
Weight Per Area	Scale/Balance	39 lb/1000 ft. ²	191 g/m ²

SURFACE BURNING CHARACTERISTICS	TEST METHOD	VALUE	
Flame Spread*	UL 723/ASTM E 84	0 foil side	20 paper side
Smoke Developed*	UL 723/ASTM E 84	5 foil side	15 paper side

This product meets or exceeds the requirements of ASTM C1136, type I, II, III and IV

Properties and parameters are preliminary, subject to change without notice, and not intended as product specifications. Weights and thicknesses are nominal, with ± 10% tolerance. *Indicates Underwriter's Laboratories classified products. File #R4461.

