

e.Alu Foil-Kraft Facing & Vapor Barrier

PRODUCT SPECIFICATION

Art Nr. 340004

Product Application

A utility grade Foil-Kraft Facing which consists of 7 micron foil and 70gsm 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.

Facing Composition

Facing Composition	Description	Value (English)	Value (Metric)
Foil	Aluminum	0.28 mil	7 micron
Adhesive	Polyethylene	-----	-----
Kraft	Natural	42.9 lbs / 3000 ft2	70gsm

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	25 lbs/In	110 N/25mm
Tensile Strength - XD	ASTM D828	13.6 lbs/In	60 N/25mm
Burst Strength	ASTM D774	29 psi	20 N/cm2
Low Temperature Resistance	ASTM D1790 4 hrs @ -40 °F (- 40 °C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	ASTM D1790 4 hrs @ +240 °F (+116 °C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Dimensional Stability	ASTM D1204 @ 150F (65C)	Less than 0.5%	Less than 0.5%
Emissivity	ASTM E408	0.03	0.03

Package: Roll, width 125 cm, 30 m²/ roll, pallet 250 rolls/ pallet

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.