



FOIL LAMINATE INDUSTRIES SDN BHD
(343587-X)



MATT - FOIL MF2X CLASS O

Aluminium Foil / Aluminium Film
DUTY : MEDIUM DUTY

Key Benefits



Radiant Heat Reflectivity



Thermal Efficiency



Fire Retardant



Easy Installation



Energy Cost Saving



Self Support



Vapor Barrier



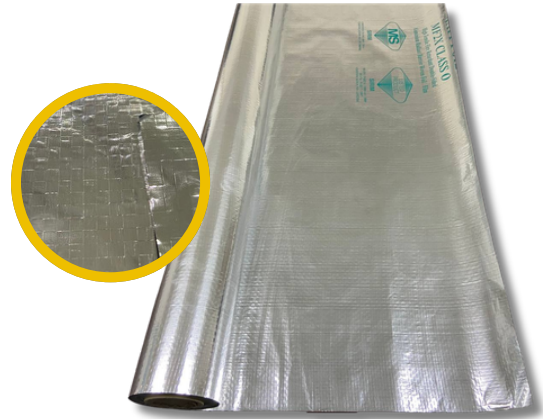
Tear Resistant

High-Performance PP Woven Fire-Retardant Radiant Barrier for Roofing Systems

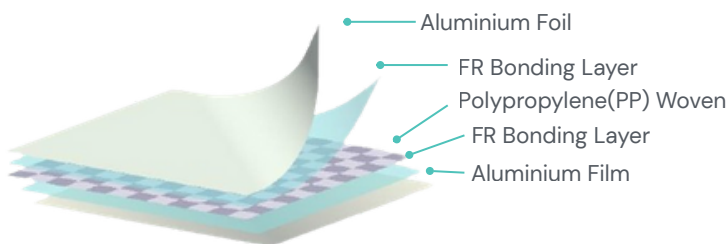
Standard Size: 1.25m (Width) x 48m (Length)

** Custom length is available. Contact us for more details.*

- High tensile fire retardant double-sided pure aluminium radiant barrier polypropylene woven foil/film.
- **MF2X CLASS O** is a **(5) five-layer**, double-sided radiant barrier with better tensile, tear and puncture resistance.
- Lightweight, medium duty product.
- Rating of fire retardant : CLASS O (BS476 Part 6 & BS476 Part 7)



Cross Section



Application

- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- No wire netting is required for support.





BQ Specification

Approved MS2095 and CIDB MF2X CLASS O (75±20g/m², 80±10µm total thickness) high tensile fire retardant double-sided pure aluminium foil radiant barrier polypropylene (PP) woven foil/film.

Product Technical Data

PROPERTY	TEST METHOD	RESULT/SPECIFICATION	GRADE/REMARK
Reflectivity/ Emissivity	ASTM C 1371	95% / 5%	
Tensile Strength	(MD) AS/NZS 1301.448s	≥ 11.0 kN/m	Medium
	(CD) AS/NZS 1301.448s	≥ 8.5 kN/m	Heavy
Edge Tear Resistance	(MD) TAPPI T470	≥ 310.0 ± 50.0 N	Extra Heavy
	(CD) TAPPI T470	≥ 245.0 ± 50.0 N	Extra Heavy
Vapor Barrier (WVTR)	ASTM E96	0.066 µg/N.s (15.1 MN.s/g)	Medium
Resistance to Dry Delamination	AS/NZS 4201.1	No Delamination	Pass
Resistance to Wet Delamination	AS/NZS 4201.2	No Delamination	Pass
Shrinkage	AS/NZS 4201.3	≤ 0.5 %	Pass
Grammage	In House	75 ± 20 g/m ²	
Thickness	In House	80± 10 µm	

* Technical information provided represents average result of tests conducted under standard procedure and is subject to variation.
 * No guarantee can be made regarding specific applications or patent rights.

Fire Property

FIRE TESTS ON BUILDING MATERIALS AND STRUCTURES		
CHARACTERISTIC	TEST METHOD	SPECIFICATION
Fire Propagation for Products, Sub- Index, i ₁ Overall Performance Index	BS 476 : Part 6	< 6 < 12
Surface Spread of Flame of Products	BS 476 : Part 7	CLASS 1
Classification of Fire Rating	-	CLASS 0

Thermal Property

MF2X CLASS O is tested in accordance to ISO 8301

- Thermal resistance, R-value : 2.344 m²K/W

*The above value are based on MS2095 testing requirements, which include a total air gap of 100mm.

Handling and Storage

Store this product under cover and dry conditions.



Foil Laminate Industries Sdn. Bhd. (343587-K)
 Factory/HQ: 1139, Lorong Perindustrian Bukit Minyak 11,
 Taman Perindustrian Bukit Minyak, 14100 Simpang Ampat,
 Penang, Malaysia
 Tel: +604-5011 999 Fax: +604-5011 991

PJ Office: (1st Floor), Jalan PJS 9/5, Bandar
 Sunway, 46150 Petaling Jaya, Selangor Malaysia
 Tel: +603-5621 4868 Fax: +603-5621 4878