

SUN-FOIL®

PA2-FR

SPECIALISED FOR HVAC DUCTING

Product Description

SUN-FOIL® PA2-FR is used as insulation against radiant heat transfer and can be used to its greatest advantage in instance where radiation is the predominant means of heat transfer.

SUN-FOIL® PA2-FR is an excellent reflector of all long wave radiant heat that strikes it - **DOUBLE SIDED REFLECTIVE OF UP TO 98%** of all radiant heat.

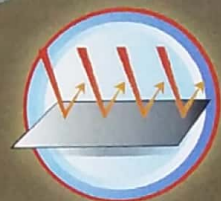
Fire Attributes

PA2-FR is classified as Class "O" in accordance to fire tests in building material and structures.

- i.) British Standard, BS 476-6 : Fire Propagation Test
- ii.) British Standard, BS 476-7 : Surface Spread of Flame Test

Awards & Certificates

- TUV SUD PSB Singapore
- ISO 9001: 2015, Guardian Independent Certification
- Jabatan Bomba dan Penyelamat Malaysia
- Malaysia Green Building Confederation (MGBC)
- Asian Reflective Foil Association (ARFA)



Excellent Reflectivity
(98% on both surface)



Light Weight
(Yet Heavy Duty)



Edge Tear Resistance
(Extra Heavy Duty)



Moist Barrier
Non-Delamination
(When Soak In Water)



Easy Installation
(Cost Effective)



BOMBA



ISO 9001 : 2015



malaysiaGBC



SUN-FOIL® PA2-FR is made by double sided high reflectivity pure aluminium bonded with a layer of kraft paper strengthen with a layer of reinforcement scrim. It provides excellent insulation properties and effective radiant barrier.

SUN-FOIL® PA2-FR is designed light-weight. It is easy to install due to extra high tensile strength and edge tear resistance.

SUN-FOIL® PA2-FR is also flame retardant, waterproof, non-toxic, bacteria free, fungus and corrosion resistant.

TECHNICAL DATA

Description	Test Method	Unit	Value
Grammage	ASTM D 5261	g/m ²	165 ± 30
Thickness	ASTM D 1777	µm	150 ± 10
Tensile Strength	ASTM D 5035	N/50mm	MD > 300 ± 50 CD > 300 ± 50
Elongation	ASTM D 5035	%	MD > 8 ± 3 CD > 8 ± 3
Resistance to Dry Lamination	AS/NZS 4201.1	No Delamination	Pass
Resistance to Wet Lamination	AS/NZS 4201.2	No Delamination	Pass
Shrinkage	AS/NZS 4201.3	<0.5%	Pass

Technical Information provided represent 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 RETARDANT TEST FOR PA2-FR

CHARACTERISTIC	TEST METHOD	SPECIFICATION
Fire Propagation of Material Sub-Index, i_1, i_2, i_3 Overall Performance Index	BS 476 ; Part 6	< 6 < 12
Surface Flame Spread Test	BS 476 ; Part 7	Class 1
Classification of Fire Hazard		Class O

PA2-FR

Standard Roll Size: W 1.25m x L 45m



- Pure Aluminium
- FR PE Tie Layer
- Reinforcement Scrim
- Kraft Paper
- FR PE Tie Layer
- Pure Aluminium



YH LAMINATED PRODUCTS SDN. BHD. (959528-90)

Main Office : Lot 2996, Jalan PK 6 , Kawasan Perindustrian Krubong, 75250 Melaka.
 Factory : Lot 2995, Jalan PK 11, Kawasan Perindustrian Krubong, 75250 Melaka.
 Plant 2 : Lot 3003, Jalan PK 12, Kawasan Perindustrian Krubong, 75250 Melaka.
 Plant 3 : Lot 8349, Jalan PK 8F, Kawasan Perindustrian Krubong, 75250 Melaka.
 Plant 4 : Lot 8352, Jalan PK 8E, Kawasan Perindustrian Krubong, 75250 Melaka.

Tel : +6 06-337 2170

Fax : +6 06-335 7199 (Admin) +6 06-335 7170 (Sales)

www.yhlp.com.my www.sunfoil.com.my

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