

SUN-FOIL®

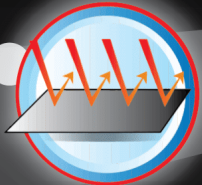
Woven Series

New and Improved Version

Certified by CIDB

SN6-FR

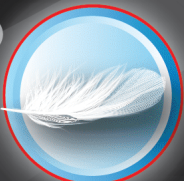
PATENT PENDING
UI2025004294



Excellent Reflectivity



Chicken Wire Mesh
(Not Required)



Light Weight
(Yet Heavy Duty)



Edge Tear Resistance
(Resulting in Low Wastage)



Moist Barrier
Non-Delamination
(When Soak In Water)



Easy Installation
(Cost Effective)

Product Description

SUN-FOIL® SN6-FR is used as insulation against radiant heat transfer and can be used to its greatest advantage in instances where radiation is the predominant means of heat transfer.

SUN-FOIL® SN6-FR is an excellent reflector of all long wave radiant heat that strikes it
- REFLECTIVE OF UP TO 98% of all radiant heat.

Fire Attributes

SN6-FR is classified as Class "O" in accordance to fire tests on building material and structures.

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

Thermal Properties

R-value, thermal resistance varies depending on the roof design and total roof configuration.
Please contact our specialist for roof system that complying UBBL and Malaysia Standards.

Awards & Certificates

- Malaysia Standard - MS 2095, SIRIM QAS International Sdn. Bhd.
- ISO 9001: 2015 & ISO 14001: 2015 & ISO 45001: 2018
- Jabatan Bomba dan Penyelamat Malaysia
- CIDB Malaysia
- Malaysia Green Building Confederation (MGBC)
- Asian Reflective Foil Association (ARFA)



Woven Layer

Leno Woven Layer

IMPRESSIVE APPEARANCE



MAXIMIZE STRENGTH



CIDB PPS REG. NO:
1160504ML0121

WOVEN FOIL (Fire Retardant)

SUN-FOIL® SN6-FR is double sided made by high reflectivity pure aluminium and a high quality aluminium film bonded with a layer of HDPE leno woven fabric and a layer of HDPE woven fabric. It provides excellent insulation properties and effective radiant barrier.

SUN-FOIL® SN6-FR is designed light-weight. It is easy to install as it does not require mesh due to high tensile strength and edge tear resistance.

SUN-FOIL® SN6-FR is also flame retardant, waterproof, non-toxic, bacteria free, fungus and corrosion resistant.

TECHNICAL DATA

Description	Test Method	Unit	Value
Grammage	In House	g/m ²	165 ± 30
Thickness	In House	µm	400 ± 50
Tensile Strength	AS/NS 1301:448s	kN/m	MD ≥ 12.0 ± 1.0 CD ≥ 12.0 ± 1.0
Edge Tear	TAPPI T470	N	MD ≥ 400 ± 50 CD ≥ 400 ± 50

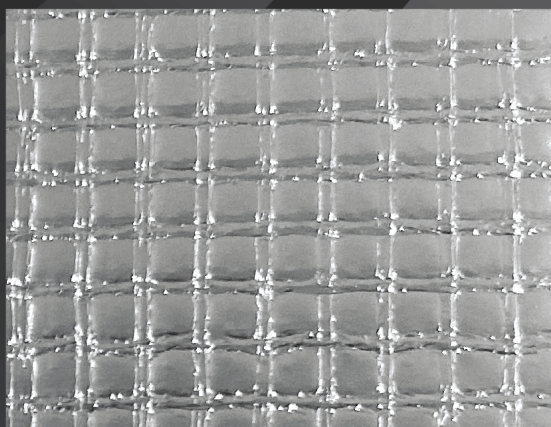
Technical Information provided represent average result of tests conducted under standard procedure and is subject to variation.
No guarantee can be made regarding specific applications or patent rights.

BQ SPECIFICATION

One layer of approved YH "SUNFOIL" SN6-FR Double Sided Fire Retardant Aluminium Foil with double fabric (Woven plus Leno) superior in tensile strength and edge tear resistance for both directions approved with MS 2095.

FIRE RETARDANT TEST FOR SN6-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 (Sirim Report 2023FE0434)
Surface Flame Spread Test	BS 476 ; Part 7	Class 1 (Sirim Report 2023FE0435)
Classification of Fire Hazard		Class O



SN6-FR

Standard Roll Size: W 1.25m x L 48m



- Pure Aluminium
- FR PE Tie Layer
- HDPE Woven Fabric
- FR PE Tie Layer
- Leno Woven Fabric
- FR PE Tie Layer
- Aluminium Film

YH LAMINATED PRODUCTS SDN. BHD. (959828-V)

Main Office : Lot 2996, Jalan PK 6, Kawasan Perindustrian Krubong, 75250 Melaka.
Sales Office : Lot 8352, Jalan PK 8E, Kawasan Perindustrian Krubong, 75250 Melaka.
Factories : Lot 2995, Lot 8342, Lot 8343, Lot 8349, Lot 8350, Lot 8407, Lot 8416, Kawasan Perindustrian Krubong, 75250 Melaka.

Sales Office Tel : +606-337 2170
Fax (Sales) : +606-335 7170
Fax (Finance) : +606-335 7199

Distributed by:

