

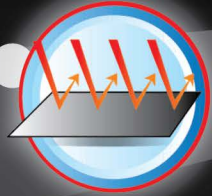
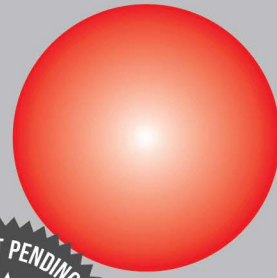
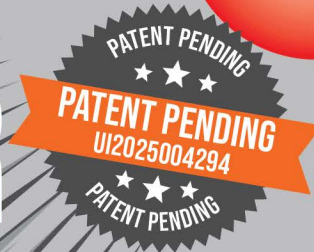
# SUN-FOIL®

## Woven Series

New and Improved Version

Certified by CIDB

# SN6-FR



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.

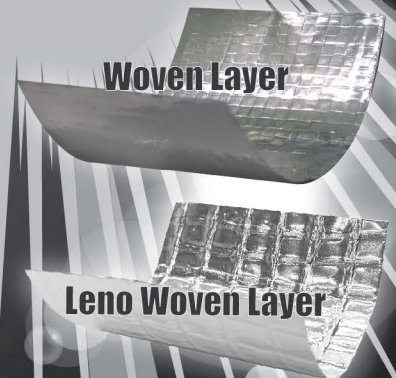
- i.) British Standard, BS 476-6 : Fire Propagation Test
- ii.) British Standard, BS 476-7 : Surface Spread of Flame Test

### 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
- Jabatan Bomba dan Penyelamat Malaysia
- CIDB Malaysia
- Malaysia Green Building Confederation (MGBC)
- Asian Reflective Foil Association (ARFA)



## IMPRESSIVE APPEARANCE



## MAXIMIZE STRENGTH



CIDB PPS REG. NO:  
1160504ML0121



ISO 9001:2015, ISO 14001:2015  
CERTIFICATE NUMBER: JQS-23-0557, JES-23-0284

# 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 <sup>2</sup>	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

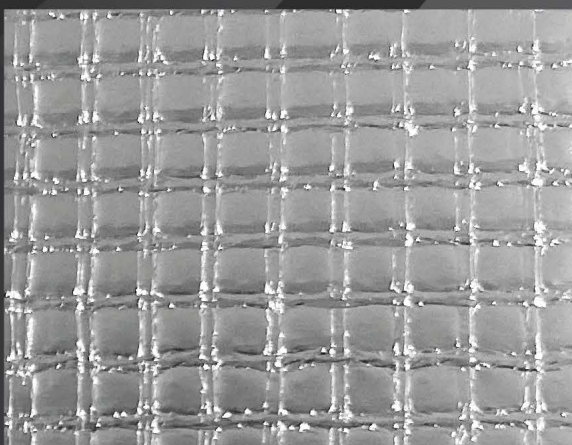
Technical Information provided represent average result of tests conducted under standard procedure and is subject to variation. No guarantee can be made regarding specific applications or patent rights.

## BQ SPECIFICATION

One layer of approved YH "SUNFOIL" SN6-FR Double Sided Fire Retardant Aluminium Foil with "Extra Heavy Duty" in tensile strength and edge tear resistance for both directions approved with MS 2095.

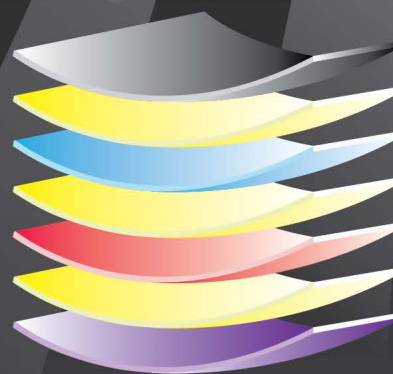
## FIRE RETARDANT TEST FOR SN6-FR

CHARACTERISTIC	TEST METHOD	SPECIFICATION
Fire Propagation of Material Sub-Index, $i_1, i_2, i_3$	BS 476 ; Part 6	< 6
Overall Performance Index		< 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, Kawasan Perindustrian Krubong, 75250 Melaka.

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