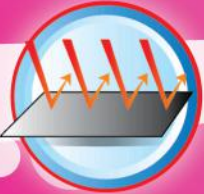


SUN-FOIL®

Woven Series

New and Improved Version

Certified by CIDB



Excellent Reflectivity
(98% Single Side Surface)



Chicken Wire Mesh
(Not Required)



Light Weight
(Yet Heavy Duty)



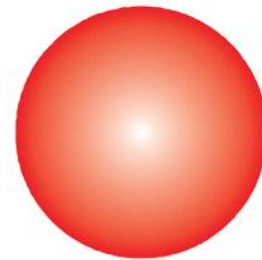
Edge Tear Resistance
(Resulting in Low Wastage)



Moist Barrier
Non-Delamination
(When Soak In Water)



Easy Installation
(Cost Effective)



SN3-CLASS 'O'

Product Description

SUN-FOIL® SN3-Class 'O' 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® SN3-Class 'O' is an excellent reflector of all long wave radiant heat that strikes it - **SINGLE SIDED REFLECTIVE OF UP TO 98%** of all radiant heat.

Fire Attributes

SN3-Class 'O' 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

SN3-Class 'O' is tested in accordance to MS 2095, ISO 8301 / MS ISO 8302 for thermal resistance, R-value 1.243 m²K/w

Awards & Certificates

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



SIRIM
MS 2095



BOMBA



ISO 9001 : 2015



malaysia



CIDB PPS REG. NO:
1160504ML0121

WOVEN FOIL (Fire Retardant)

SUN-FOIL® SN3-Class 'O' is made by single sided high reflectivity pure aluminium bonded with a layer of FR HDPE woven fabric with a single sided high quality reflective aluminium film by special FR bonding material. It provides excellent insulation properties and effective radiant barrier.

SUN-FOIL® SN3-Class 'O' 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® SN3-Class 'O' 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	160 ± 30
Thickness	In House	µm	170 ± 20
Tensile Strength	In House	N/50mm	MD ≥ 500 ± 50 CD ≥ 500 ± 50
Elongation	In House	%	MD ≥ 30 ± 10 CD ≥ 30 ± 10

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 SN3-Class 'O'

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 2019FE0452)
Surface Flame Spread Test	BS 476 ; Part 7	Class 1 (Sirim Report 2019FE0451)
Classification of Fire Hazard		Class O

SN3-CLASS 'O'

Standard Roll Size: W 1.25m x L 48m



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



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

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 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.
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