



Energy Saving System
**Specialized company of
Curtain Screen to keep the house warm**



 **YUKIL FGC**
YUKIL Co.,Ltd.
YI Co.,Ltd.



We take the lead in not only cultivating **high-income crops** and **saving energy** but also automating various greenhouse cultivations.

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We sincerely appreciate those of you who have supported our Yuk-il development.

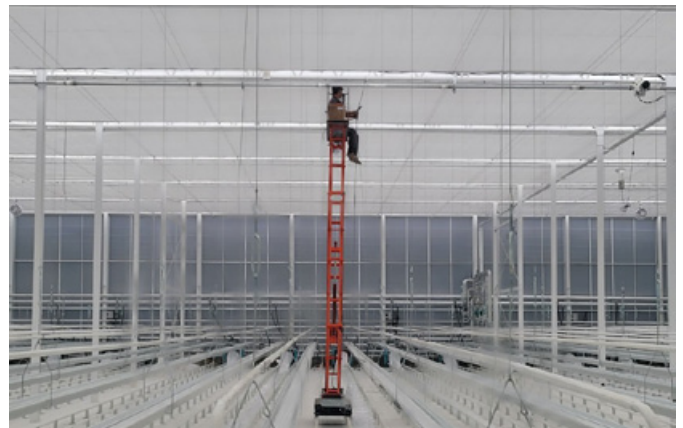
Yuk-il, founded in 1991, is a manufacturing and distributing company specialized in heat-conservation material such as house heating curtains and screens. We are always researching and working to help to increase the income of farmers and reduce heating energy, which is the most important factor in the age of high oil prices.

Recently, greenhouse cultivating sites require the production of high-quality and high-income garden crops by using additional facilities more efficiently. Accordingly, the industry is mainly propelling development of various additional facilities, cultivating management skills, energy saving and automation and is actively participating in reducing carbon dioxide, which is an issue around the world.

We, Yuk-il, will grow to the people's corporation which puts priority on extension of domestic and overseas market through development of new product and customer satisfaction.

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|------|---|------|--|
| 1986 | Established "Yukilnubi" in Pyeongridong, Daegu | 2004 | Japan's "IHE JAPEN 2004" Exhibition |
| 1991 | Moved to a Larger Facility Located in Ocheon-dong, Gyeongsangbuk-do(Changed the Company Name to "Yukilbujikpogongeo") | | Seoul COEX's 'Farm Materials Fair' Exhibition |
| 1996 | Moved to a Larger Facility Located in Sung 1-ri, Suryun-myeon, Seongju-gun, Gyeongsangbuk-do | | NTV Exhibition |
| 1997 | Obtained 'Q Mark' Quality Assurance Certification | 2005 | Daejeon TAMAS 'Farm Materials Fair' Exhibition |
| 1999 | Registered "Chain Rails Expression Unit "and Components to Utility Model | 2006 | Japan's 'IHE JAPEN 2006' Exhibition |
| 2000 | 'Farm Machinery Exhibition' at COEX, Seoul, Korea | | NTV 06' Exhibition |
| 2001 | Obtained 'ISO 9001' Certification | 2007 | Daejeon TAMAS 'Farm Materials Fair' Exhibition |
| | Daejeon TAMAS 'Farm Materials Fair' Exhibition | 2008 | Japan's 'IHE JAPEN 2008' Exhibition |
| 2002 | Registered Patent 'No. 0,263,488' and 10 Products | 2009 | Daejeon TAMAS 'Farm Materials Fair' Exhibition |
| | Japan's 'IHE JAPEN 2002' Exhibition | 2014 | U.S. CULTIVATE Exhibition |
| | Seoul COEX's 'Farm Materials Fair' Exhibition | | Turkey's EURASIA Exhibition |
| 2003 | 'EAHF 20003' Exhibition | 2015 | Germany's ESSEN Exhibition |
| | Daejeon TAMAS 'Farm Materials Fair' Exhibition | 2018 | Exported to the United States and New Zealand |
| | | 2019 | Exported to Uzbekistan and Kazakhstan |
| | | 2021 | Obtained "ISO45001" Certification |
| | | 2022 | Obtained Performance Certification of Multi-layered and Screen Product |
| | | | Establishment of R&D Department |

Installation examples



ISO 9001:2015(The first)



Patent No.10-1345899



Patent No.10-2036473



Patent No.10-2059778



Patent No.10-2133441



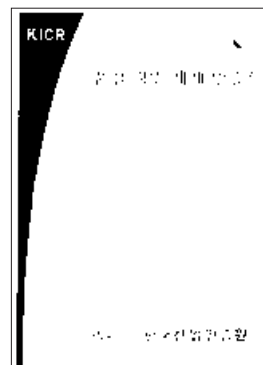
ISO 45001:2018



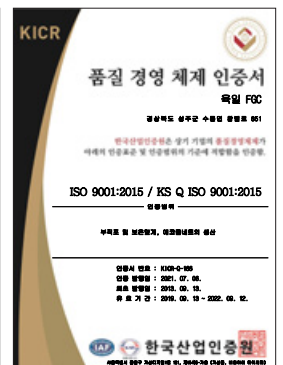
International Trade Association Membership Certificate



Certificate of Korea Textile Manufacturer



Certificate of Quality Management System



Certificate of Quality Management System

New Products

ALUMINUM STRIPE

Model. YI-AL/JS1



Flame retardant



Non-inflammable

- It has excellent thermal effect as compared with other screens.
- It is a screen product made of fabric, so there is no stretch at all.
- It had examinations of thermal insulation, light blocking, and UV life at domestic and Japanese testing institutions, and completed.
- The inside of house is bright since the aluminum powder part reflects ultraviolet rays.



Light transmittance

Flame retardancy performance

Thermal rate



Tensile strength

Colorfastness to light

Shading ratio

↑ Test report

Specification

Model	Material	Thermal rate	Tensile strength	Light transmittance	Shading ratio	Basic width of production
YI-AL/JS1	Polyester 300D/300	30~35 %	Warp 1000 / Weft 800	20~25 %	95~99 %	1.5 M, 2 M



Flame retardant



Non-inflammable

New Products

COOL NET STRIPE

Model. YI-AL/HC-B

▪ Now, it acquired life test certification from domestic and Japanese testing institutions and is being exported to Japan. ▪ Aluminium is deposited on a regular cool net to increase durability and light shielding compared to previous ones. ▪ It is excellent in fire retardance. ▪ Ultraviolet Reflection by Titanium Compounding -> It prevents temperature rise by transmitting only light rays needed for photosynthesis and shielding only thermal infrared rays. ▪ It's light and easy to install and remove. ▪ Compared to a normal shade nets, light can pass through to keep the inside the house bright.



Light transmittance

Thermal rate

Tensile strength



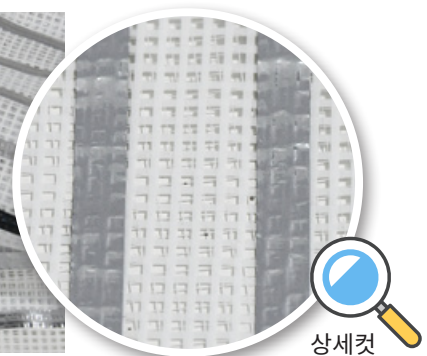
Colorfastness to light

Shading ratio

↑ Test report

○ Specification

Model	Thermal rate	Tensile strength	Light transmittance	Shading ratio	Basic width of production
YI-AL/HC-B	20~35 %	Warp 300 / Weft 310	45~50 %	70~80 %	1.5 M, 2 M



Simple layer

MINI MART

Model. YI-300/300

- It is Polyester 300D/96F, which is a thermoplastic fiber combusted with synthetic filament yarn and is made flat with a density of weft 42-42 and warp 54, providing excellent warmth, moisture absorption and durability in a greenhouse.



OXFORD

Model. YI-600/600

- It is Polyester 600D/96F, which is a thermoplastic fiber combusted with synthetic filament yarn, is made flat with a density of weft 24-25 and warp 37-38, and shrinks within 5% depending on the thickness of the weft and warp, providing excellent warmth, moisture absorption and durability in a greenhouse.



○ Specification

Model	Material	Thermal rate	Light transmittance	Shading ratio	Basic width of production
YI-300/300	Polyester 300D/300	20~25 %	40~46 %	95~98 %	1.5 M, 2 M
YI-600/600	Polyester 600D/600	25~30 %	40~46 %	95~98 %	1.5 M, 2 M

○ Test report



Light transmittance

Thermal rate

Colorfastness to light

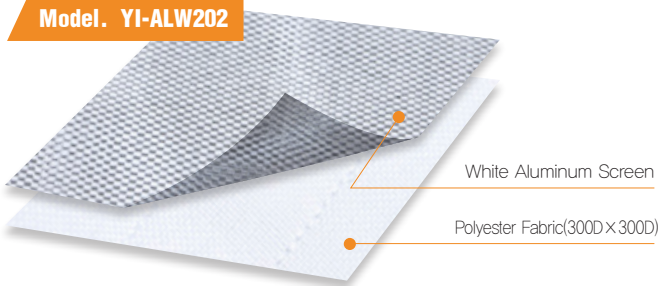
Shading ratio

Aluminum Multi-layer

The thermal endurance and durability is improved due to the combination of aluminum and polyester fiber.

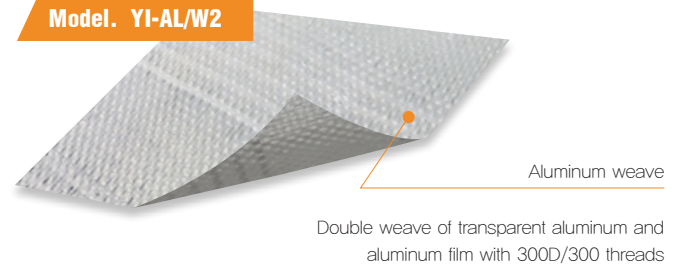
WHITE ALUMINUM SCREEN

Model. YI-ALW202



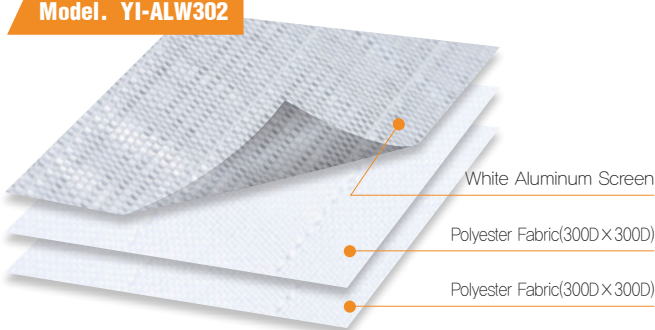
ALUMINUM DOUBLE SCREEN

Model. YI-AL/W2



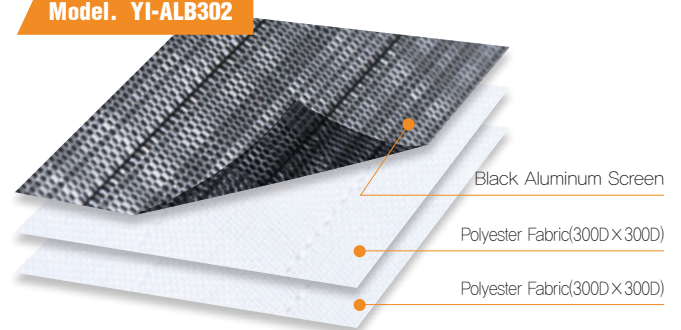
WHITE 3-LAYER ALUMINUM SCREEN

Model. YI-ALW302



BLACK 3-LAYER ALUMINUM SCREEN

Model. YI-ALB302



○ Specification

Model	Material	Thermal rate	Light transmittance	Shading ratio	Basic width of production
YI-ALW202	Polyester 300D/300(+Aluminum)	40~45 %	20~30 %	90~98 %	1.5 M, 2 M
YI-AL/W2	Polyester 300D/300(+Aluminum)	35~40 %	30~35 %	90~98 %	1.5 M, 2 M
YI-ALW302	Polyester 300D/300(+Aluminum)	40~45 %	20~30 %	90~98 %	1.5 M, 2 M
YI-ALB302	Polyester 300D/300(+Aluminum)	40~47 %	20~30 %	90~98 %	1.5 M, 2 M



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