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Scan for more information

MIGO GREENHOUSE GLASS

PR[○]DUCT CATALOGUE

FOCUS ON BETTER SAFETY GLASS SOLUTIONS

QINGDAO MIGO GLASS CO., LTD

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MIGO ENERGY GLASS is a modern Chinese enterprise specializing in solar energy industry and greenhouse construction. We have our own factory for the production and processing of glass, covering an area of 30,000 square meters and consisting of more than 200 workers. Migo Energy has more than 15 years of glass production and export experience, which can ensure customers' high quality, reasonable prices and efficient transportation.

Under the policy of "strengthening scientific management, improving comprehensive quality, creating high-quality brands and ensuring customer satisfaction", Migo Energy is moving forward day by day. We have been doing our best to ensure the highest quality glass and customer satisfaction. We sincerely look forward to establishing a win-win partnership with you for a better future.

Migo Energy Glass includes: all types of solar glass and greenhouse glass; patterned glass-normal clear and low-iron glass, anti-reflective coated glass, etc. Today, Migo Energy Glass owns top products, 2AR coated glass products, with a transmittance of more than 98%. At the same time, we are also committed to improving the texture of the glass surface to achieve a more stable scattering effect and improve the utilization of sunlight. Now, Migo Energy's glass has been widely used in Flat Plate Thermal Collectors, Solar PV Modules, and Greenhouse.

Choosing Migo Energy means choosing a reliable business partner. Migo Energy Glass-excellence, stability, integrity-for more shining light.



Clear Float Glass 89% LT

Untoughened or Toughened

Migo clear float greenhouse glass is made from premium grade architectural glass, with high light transmittance, high UVB levels.

- Thickness: 4mm
- Thickness tolerance: $\pm 0.2\text{mm}$
- 89% light transmittance
- Seamed edge (C-edge)



FLOAT GREENHOUSE GLASS

Available for Facade or Roof of Greenhouse

Low-iron Float Glass 92% LT

Untoughened or Toughened

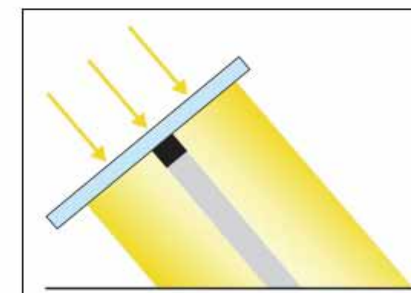
Migo low-iron float greenhouse glass contains a low percentage of iron, effectively reducing the light absorption of the glass, with higher light transmittance.

- Thickness: 4mm
- Thickness tolerance: $\pm 0.2\text{mm}$
- 92% light transmittance
- Seamed edge (C-edge)

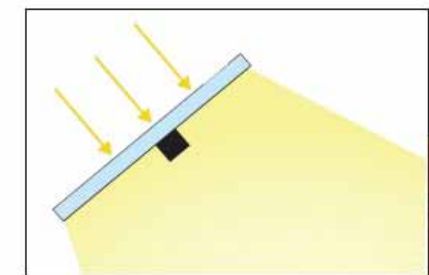


DIFFUSE GREENHOUSE GLASS

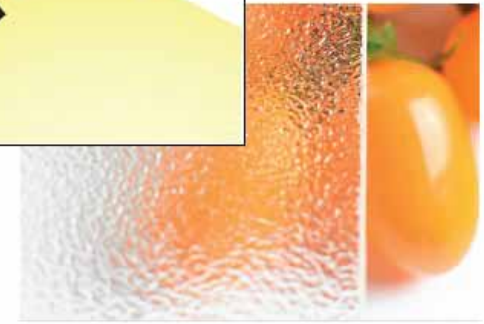
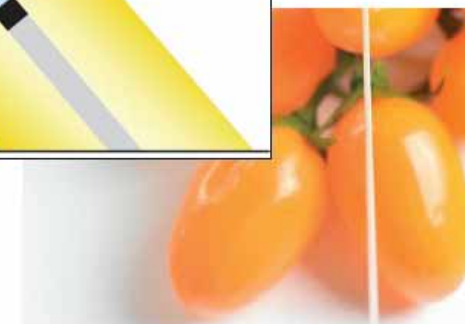
Available for Facade or Roof of Greenhouse



Float Glass
(Direct Light)



Diffused Glass
(Scattering Light)



Diffused glass is usually created by treating the surface of low-iron glass to create patterns that scatter the light. The aim of using diffuse glass in a greenhouse is to produce more scattered light which can then penetrate deeper into the crop canopy. This will allow the plant to use more of the available light for production.

Benefits of Diffused Glass

- Increase the uniformity of the greenhouse climate, especially temperature and light conditions
- Increase fruit production (by 5 to 10 percent) of high-wire tomato and cucumber crops
- Increase flowering and reduce production time of potted crops such as chrysanthemum and anthurium



Product Specification

Haze	10%	20%	50%	70%
Glass Type	Matt-Matt	Matt-Matt	Matt / Prismatic-Matt	Prismatic / Matt
Light Transmittance	91.50%	91.50%	91.50%	91.50%
Hemispherical	84%	83.5%	83%	81.5%
Glass Thickness	4mm	4mm	4mm	4mm
Thickness Tolerance	± 0.2mm	± 0.2mm	± 0.2mm	± 0.2mm

Types of Diffuse Glass

Low Diffuse Glass | Middle Diffuse Glass | High Diffuse Glass



MG-NL LD1



MG-UL LD2



MG-UL MD1



MG-UL MD2



MG-UL HD1



MG-UL HD2



2AR COATING GREENHOUSE GLASS

Available for Facade or Roof of Greenhouse

In order to compensate the loss in light transmission, both diffuse as standard float glass (single or double) can be provided with a light reflecting coating, means anti-reflective coating. This coating will reduce the reflectance of sun-light, and enhance light transmittance by at least 2.0%.

In addition, AR coating has good features of Hydrophilia and photocatalysis, thus AR coating glass has the self-cleaning function, and can decompose organic pollutants on the glass surface and reduces maintenance time.

Light Transmittance With and Without 2ARC

Glass Type	Non-ARC	+2ARC	Δ%
2.5mm Low Iron Textured Glass	91.60%	96.66%	5.05
3.2mm Clear Textured Glass	89.46%	94.95%	5.49
3.2mm Low Iron Textured Glass	91.60%	96.60%	5.00
4.0mm Clear Textured Glass	87.90%	92.94%	5.04
4.0mm Low Iron Diffuse Glass	90.94%	96.50%	5.56
4.0mm Clear Float Glass	89.23%	95.21%	5.98
4.0mm Low Iron Float Glass	91.20%	96.92%	5.72

CERTIFICATES & PRODUCTION PROCESS



- Quality Management System
- Advanced Production Equipment
- Strict QC Inspection
- Professional Service

Migo Energy Glass is a professional manufacturer of solar energy glass with a history of more than 15 years. With excellent technology, perfect quality management system and after-sales service, we provide customers with high-quality products and win customers' trust and good reputation.



Raw Glass Loading



Raw Glass Inspection



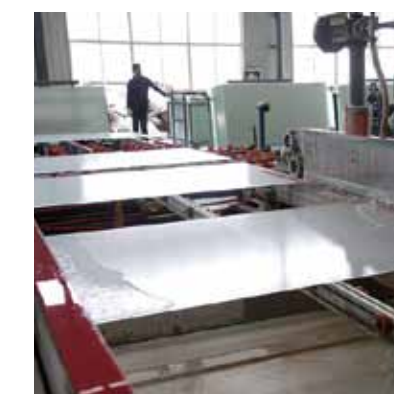
Cutting



AR Coating



Cleaning



Bilateral Edge Grinding



Toughening



Product Inspection



Packaging