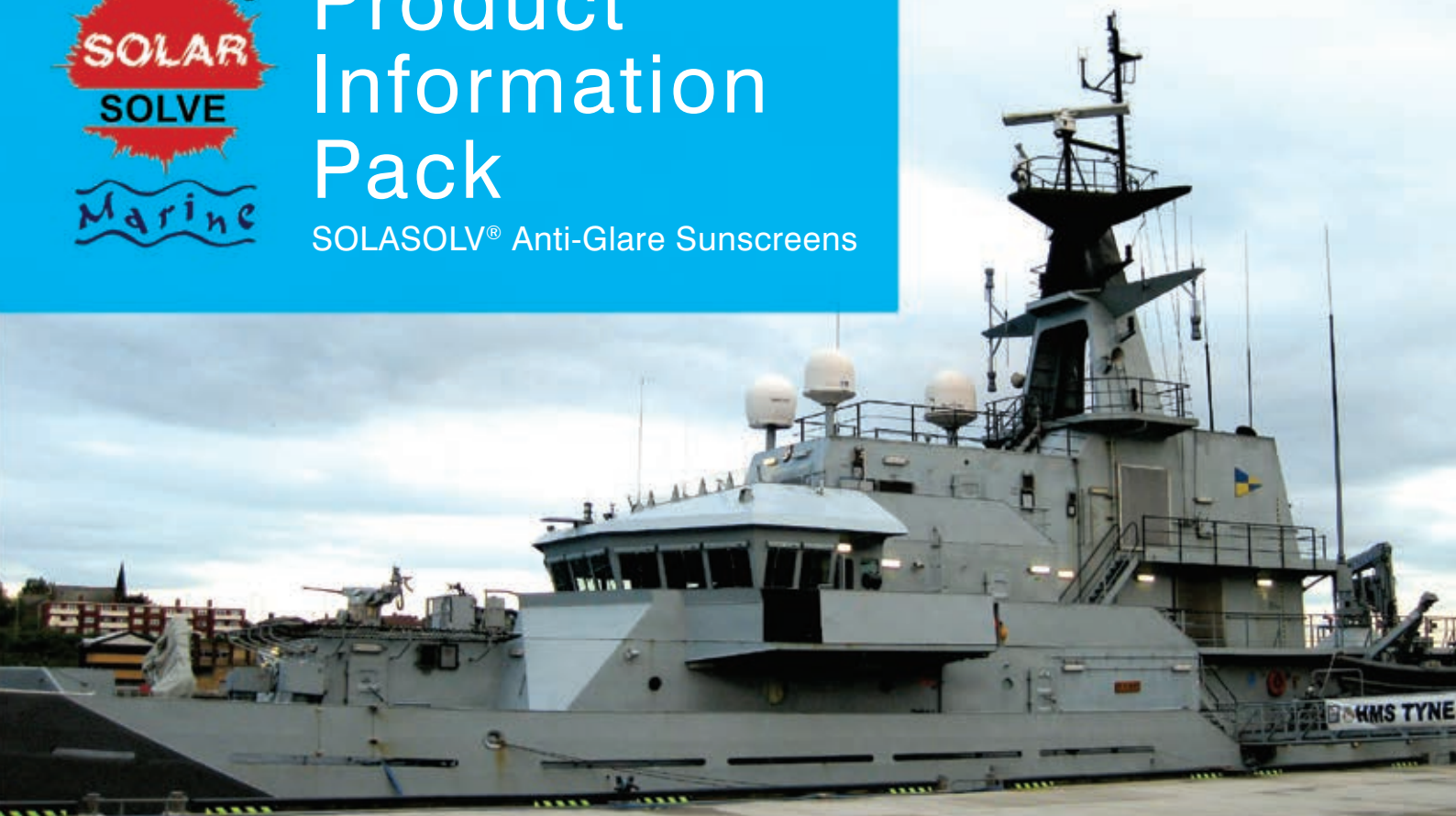


Product Information Pack

SOLASOLV® Anti-Glare Sunscreens





SOLASOLV®

Anti-Glare Sunscreens for Ships Navigation Windows

Solar Solve Marine is an award winning company with almost 40 years experience manufacturing roller blinds. Established in 1975 as a window blind manufacturer supplying the UK residential market, Solar Solve diversified into the marine industry in 1988, and now specialises in manufacturing roller screen systems for ships and other specialist markets.

The Industry Leader

Solar Solve Marine is the world leader in the design, development and manufacture of specialist, retractable, anti-glare roller screens for ships navigation bridge windows. All roller blinds and screens are manufactured to withstand the demands of the marine environment.

SOLASOLV® sunscreens were specially developed to create a safer, more comfortable working environment on the navigation bridge. The compact anodised aluminium cassette has an incorporated 'wipe clean' brush and provides protection from salty conditions and damage. The clear advantage of the high performance, technologically-advanced shade film is it's ability to combine transparency with low visible light transmission - combining sunlight control with a constantly clear view.

SOLASOLV® screens are regularly specified by ship owners, managers and operators worldwide as an effective navigation safety aid. They are suitable for installing on new buildings and retrofitting to existing vessels.

Solar Solve Marine provide roller screens and blinds designed for wheelhouse / navigation bridge windows, control rooms and passenger / accommodation areas.

We have an impressive and diverse portfolio of satisfied customers including Vela, MOD, BP, Maersk/AP Moller, P&O, COSCO, Evergreen Marine, Princess Cruises, Teekay, Stolt Tankers, V Ships, Condor Ferries, Technip and Bourbon Offshore.

SOLASOLV®... First Class... World Class





SOLASOLV® heat and glare filtering screens rise to the occasion when it comes to versatility and performance. Our customers are testimony to that...

"You guys are awesome, if everyone was like Solar Solve then I wouldn't have any problems."

David Birkby, UK Engineering Company

"I'm sure that SOLASOLV will be specified (for the new craft) after the excellent service we had from you last time."

Charles Eden, AVD, UK

"The solar shades arrived fine, were installed and work perfectly. I am more than happy. You guys have done really good work. I will pass on the word."

Sgt First Class Scott Koleski, US Army

"Thanks for the speedy reply and the quick service. It's great to deal with a company that has a great service ethic. Very important in our game when speed is of the essence."

Capt. Mick Doyle, MY Solemar

"Some years ago we fitted our bridge out with your blinds and window film. We have been extremely satisfied with these products. We now want to fit out the crane cab windows."

Colin Sare-Soar, Seven Pelican

"I am writing to say 'Thanks' to the whole team who were involved with my order. The advice that I received during my planning stages and the rapid fabrication of the screens was first class. My compliments to the dispatch team who packed it, the parcel obviously had a few bumps in transit but the contents were safe, secure and undamaged when opened up. The wood protection obviously pays off."

Martin Porter, Master, Deep Blue

Benefits of SOLASOLV® are clear:

Improved Visibility and Safety - safe operation of vessels is essential to ensure an incident-free workplace. By reducing up to 93% of glare and reflection from the sun, **SOLASOLV®** ensures true colour rendition so navigation marks and objects can be easily identified. Ideal for windows on the navigation bridge, control rooms, crane cabs, drill cabs, observation/operation rooms and any windows where it is vital that operators have a **completely clear view outside**.

A More Comfortable Working Environment - 87%* of the sun's heat is rejected which helps to keep the crew alert, maintains work rate and reduces the risk of crew fatigue and stress. Environmental issues are also addressed by reducing demand on air cooling systems, helping to lower harmful CO2 emissions for a greener, cleaner environment, **saving fuel and saving money**.

Reliable Performance - SOLASOLV® screens have a proven track record for outstanding performance since 1988.



*maximum benefit can only be achieved by installing SOLASOLV® screens at all windows.

Features of SOLASOLV® screens:

Comply With Marine Regulations - ISO 8468:1995 M Notice 760, MSSN No. 1419 1998.

Instantly Retractable - In accordance with IMO 5.1.1.2.6 for Removable Screens

Type Approved - SOLASOLV® screens are the only brand available to be Type Approved by Lloyds, DNV and ABS.

Quality Assured Products - Grade 'A' quality components and finish with a SEVEN year warranty, including parts and labour.

Quality Assured Manufacturer - Approved to SSMQA standards.

Choice of Shade Film Colours - gold, silver, grey, bronze.

Choice of Aluminium Profile Colours - over 400 shades.

Choice of Operating Systems - manual, battery operated, electric, remote controlled.

Suitable for use on any Type of Vessel - from cruise ships to tugs.

Custom Made - to your exact dimensions and specifications. Suitable for most shapes, angles and sizes of window.

Fast And Efficient Service - We provide a prompt and hassle free 24 hour maximum response service for enquiries and quotations (Monday to Friday). Dispatch is normally within 5 working days but a 24 hour service is available.

Easy To Install and Simple To Operate - one complete unit with instructions and all fittings supplied.

No Maintenance - an additional feature of the SOLASOLV® screen is a hidden brush system incorporated into the cassette headbox which cleans the back of the shade film as it is raised or lowered.

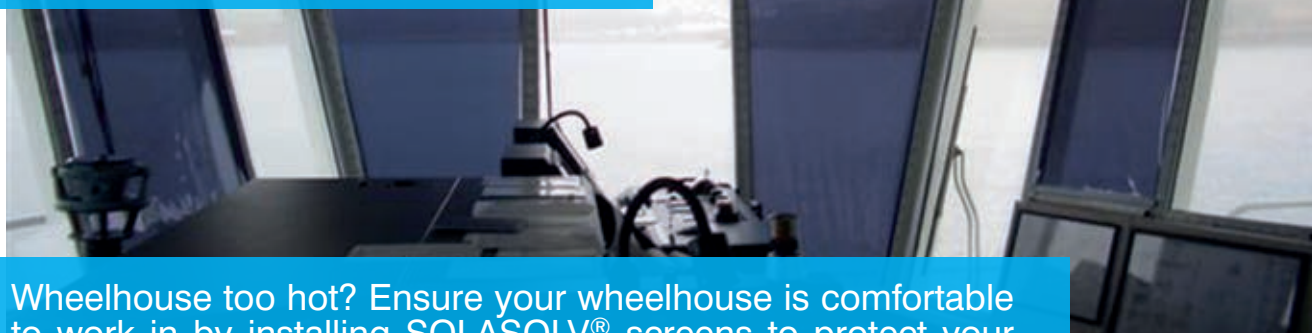
Free Spare Parts with every order for peace of mind.

Free Trial Offer for shipowners/managers - try before you buy!

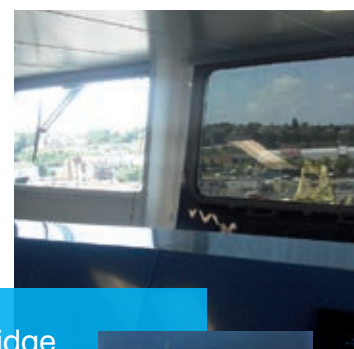
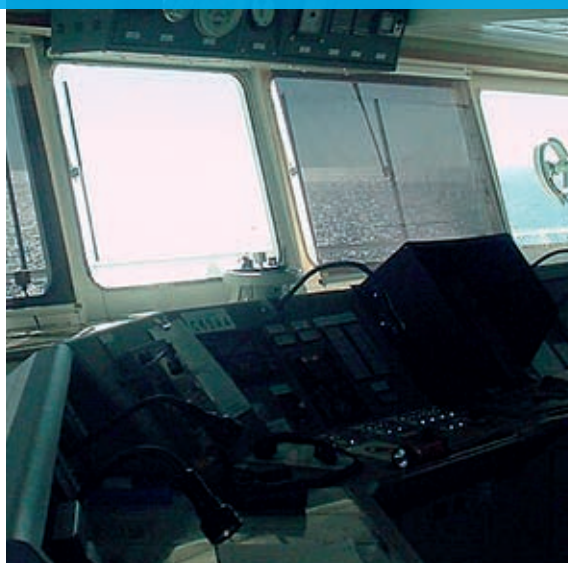


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Wheelhouse too hot? Ensure your wheelhouse is comfortable to work in by installing SOLASOLV® screens to protect your crew from the heat and glare of the sun. Nothing works better!



SOLASOLV® is the original anti-glare roller screen for navigation bridge windows. The SOLASOLV® brand name has grown to be internationally recognised for Reliable Performance, Quality, Support and Service.

Specify the SOLASOLV® brand to ensure your fleet have the most effective and reliable sun protection available for newbuilds, refits, upgrades and conversions... guaranteed to perform and maintenance free.



SOLASOLV® screens comply with various marine regulations and recommendations including:

IMO 5.1.1.2.6. Removable Sunscreens:

To ensure a clear view and to avoid reflection in bright sunshine, sunscreens with a minimum colour distortion should be provided at all windows. Such screens should be readily **removable** and not permanently installed.

ISO 8468:1995 - Ship's bridge layout and associated equipment:

Instruments should not be affected by glare or reflection and care should be taken to **avoid glare** in the bridge environment to ensure safer navigation.

Pt7, Ch. 9 Navigational Arrangements for Periodic One Man Watch - Windows:

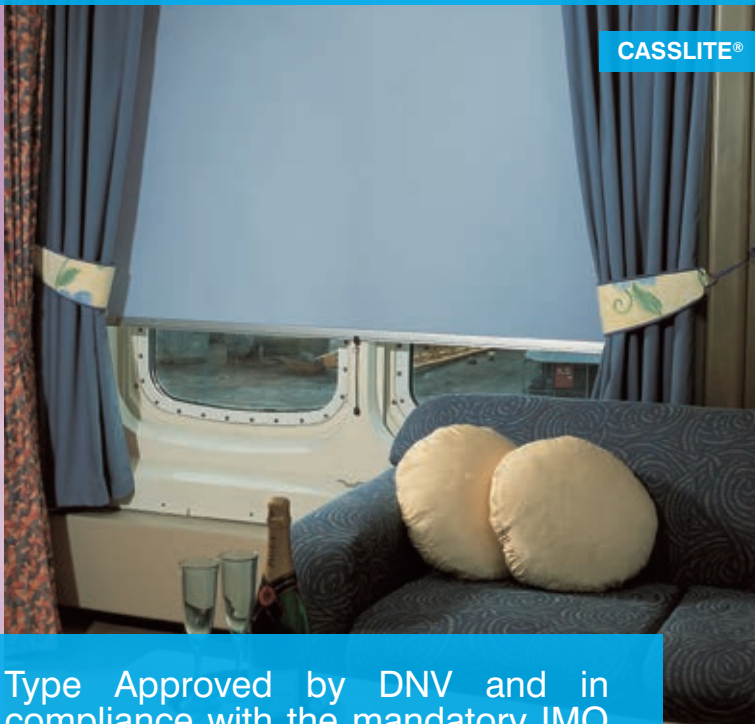
Arrangements are to be provided to prevent the obscuration of information presented on visual display units.

Merchant Shipping Notice 760:

Tinted screens covering navigation windows should be **removable**.

ROLASOLV®

Marine Interior Roller Blinds for Accommodation Areas



CASSLITE®



DIMMLITE®



LITETITE®

Type Approved by DNV and in compliance with the mandatory IMO FTPC Part 7 A.563(14) Resolution

As the comfort and well-being of passengers and crew on board vessels becomes increasingly important there is more demand for high quality, marine certified interior items. Available in both lightweight and heavy-duty systems, the **ROLASOLV®** range is available in a wide choice of high quality flame retardant fabrics all with **BS5438 flame spread certification**.

Suitable for newbuilds and retrofits, **ROLASOLV®** roller blinds are specified for accommodation area windows on a wide range of ships and offshore vessels including ferries, cruise ships, rigs, platforms, flotels, FPSO's and specialist accommodation vessels.

An anodised aluminium headbox protects the **LITETITE®** and **CASSLITE®** fabrics from dust and damage. The aluminium profile can be custom painted in various colours and a choice of finishes to provide a co-ordinated look. Optional side guide channels are available to ensure the blinds remain close to the window to prevent light ingress and vibration.

CASSLITE® roller blinds provide privacy and sun screening without total blackout of daylight. They are housed inside a protective aluminium headbox.

LITETITE® roller blinds turn day into night. They provide total blackout and privacy by combining special light-blocking side channels with opaque flame retardant fabrics inside a protective aluminium headbox. The ideal blackout solution for light sensitive areas such as cinemas, offices, control rooms and cabins, helping night shift crew get essential sleep during daylight hours.

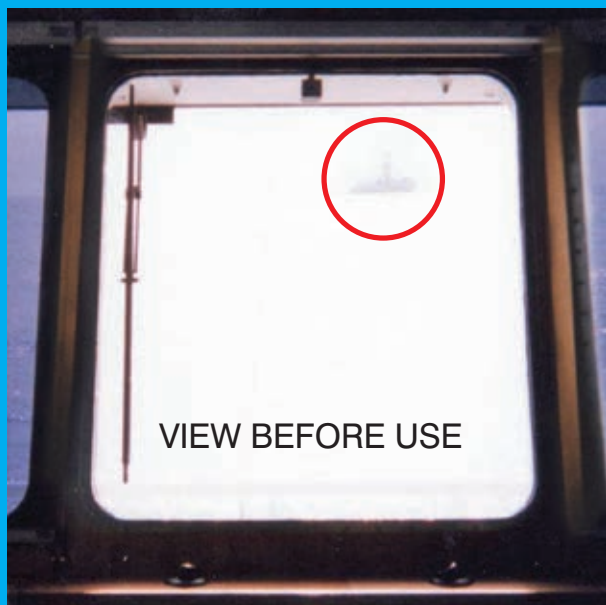
DIMMLITE® roller blinds provide privacy and sun screening without a cassette headbox – a practical and cost effective solution.

FEATURES AND BENEFITS OF THE ROLASOLV® RANGE INCLUDE:

- An extensive range from one specialist supplier
- A huge choice of high performance **flame retardant** fabrics
- High quality and reliable products **Type Approved** by DNV
- Colour co-ordinated aluminium profile available
- Choice of operating systems
- Manufactured for marine use
- Custom-made to order
- Fast and efficient service
- Easy to install and simple to operate
- Maintenance free
- Quality assured products with a factory backed guarantee
- Discreet when not in use

ROLASOLV®

PERFORMANCE | QUALITY | SERVICE | RELIABILITY | SUPPORT



See the difference
using a SOLASOLV®
screen can make!



SOLASOLV®

Right first time, on time, every time for every customer!

At Solar Solve Marine we believe that retractable SOLASOLV® sunscreens should be installed as a vital piece of navigation safety equipment, and given the same serious consideration as window wipers and clear view screens.

Both wipers and clear view screens are used to ensure the safe navigation of the vessel when it is raining or snowing. When navigating in hot, bright, sunny conditions SOLASOLV® sunscreens provide a clear view and valuable protection against heat and glare for the Master and crew, improving safety and greatly reducing the risk of collisions and accidents.

Quality

Committed to quality throughout, Solar Solve Marine is a member of the British Marine Equipment Association and the Society of Maritime Industries.

We recognise that quality products and services can only be achieved by quality facilities to ensure maximum reliability and performance. Our continuous investment in people and facilities gives our customers confidence in the quality of Solar Solve products. Solar Solve staff take pride in their work and reputation for quality. The company has a policy of continuous improvement. Our staff learn the skills needed to manufacture high quality, reliable products at our in-house Training Centre.

All SOLASOLV® roller screens are custom made and can be ordered direct from our factory or from our worldwide network of specialist Distributors. Technical data sheets and quotation/order forms are available on request - please ask for details.

TECHNICAL SUPPORT HELPLINE

If you have any queries about the installation, operation or wiring of a roller blind or screen then our experienced engineers and knowledgeable staff are ready to assist you. Contact us using the details below. A worldwide installation service is also available.

Technical data sheets and quotation/order forms are available on request. To find out more, visit our website at:

www.solasolv.com



INVESTORS
IN PEOPLE