

At Solar Solve Marine we believe that retractable SOLASOLV solar shades 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 shades provide a clear view and valuable protection against heat and glare for the Master and crew, greatly reducing the risk of collisions and accidents.

## QUALITY

Committed to quality throughout, Solar Solve Marine is a member of the British Blind and Shutter Association and the British Marine Equipment Association.

We recognize 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.

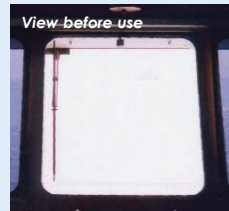
All SOLASOLV roller shades are custom made and can be ordered direct from our factory or from our worldwide network of specialist Distributors. Technical data sheets and quotation/order forms are available on request – please ask for details.

**Technical Support Helpline** – if you have any queries about the installation, operation or wiring of a roller shades then our fully qualified engineers and knowledgeable staff are ready to assist you. Contact us using the details below.

Technical data sheets and quotation/order forms are available on request. Visit our website at [www.solasolv.com](http://www.solasolv.com) to find out more.

# SOLASOLV™

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



Sea the difference using a SOLASOLV™ shade can make!



## CUSTOMER SERVICE

Tel: +44 191 454 8595 Fax: +44 191 454 8692

[www.solasolv.com](http://www.solasolv.com) email: [info@solasolv.com](mailto:info@solasolv.com)

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02/05

PERFORMANCE | QUALITY | SERVICE | RELIABILITY | SUPPORT



# SOLASOLV™

Anti Glare Sun Shades for Ships Navigation Windows

PERFORMANCE | QUALITY | SERVICE | RELIABILITY | SUPPORT

## SOLASOLV™

Anti Glare Solar Shades for Ships Navigation Windows

Solar Solve Marine is an award winning company with more than 30 years experience manufacturing roller shades. Established in 1975 as a window manufacturer supplying the UK domestic market, Solar Solve diversified into the marine industry in 1988, and now specializes in manufacturing roller shade systems for ships.

### The Industry leader

Solar Solve Marine is the world leader in the design, development and manufacture of specialist, retractable, anti-glare roller shades for ships navigation bridge windows. Today there are more than 50,000 SOLASOLV™ shades in effective use on over 5,000 commercial and military vessels worldwide. All roller shades are manufactured to withstand the demands of the marine environment.

SOLASOLV shades were specially developed to create a **safer**, more **comfortable** working environment on the navigation bridge. The compact anodised aluminum cassette provides **protection** from salty conditions and damage, whilst the clear advantage of the high performance, technologically-advanced shade film is it's ability to combine transparency with low visible light transmission - combines sunlight control with a constantly **clear view**.

SOLASOLV shades are regularly specified by ship owners, managers and operators as an effective navigation safety aid, they are suitable for installing on newbuildings and retrofitting to existing vessels.

Solar Solve Marine are able to provide roller shades designed for wheelhouse / navigation bridge windows and passenger / accommodation areas.

We have an impressive and diverse portfolio of **satisfied customers** including Princess Cruises, Polar Tankers, Tidewater Inc., USCG, Shell, Vela International, P&O, COSCO, AP Moller, and Evergreen Marine.

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

*"The SOLASOLV shades have performed very well and were especially helpful during the maiden voyage and the time spent in the tropical regions. During our summer sea passages in the Gulf of Alaska, the sun is especially bright so the shades, which are mounted in all 41 windows of the bridge, are very helpful in reducing glare which improves visibility. The additional two shades mounted in the Cargo Control Room are equally helpful during port cargo operations."*

Mike Dindio, Master, Polar Tankers

*"Your attention in this matter is very much appreciated. In this day and age it is very refreshing to have dealings with a firm who operate so directly and without hesitation. All on board are most impressed with your level of service"*

C.C. Woodward, Master, P&O

*"I finally have time to congratulate you on the order we received at Rotterdam. I think this is the fourth order I have placed with you since 1993 and I am pleased to record that the product quality and level of service have not diminished in that time. You were able to deliver two separate orders at Rotterdam, the second being at very short notice, thus saving us in delivery costs to the next port in USA. I am pleased to report that as per usual, the blinds were an excellent fit and no parts were missing, your quality control is first class!"*

Captain Brian Hoare FNI, Stolt Nielsen



Taken on board the European Pioneer

*Wheelhouse too hot? Ensure your wheelhouse is comfortable to work in by installing SOLASOLV shades to protect you from the heat and glare of the sun. Nothing works better.*



## SHADES FOR SHIPS



Taken on board the Harad

SOLASOLV roller shades are custom made and can be ordered direct from our factory or from our worldwide network of specialist Distributors.

Solar Solve customers can be confident that our range of roller shades are not only manufactured to the highest standards but are also designed for ease of installation and operation, and to give maximum reliability.

### SOLASOLV shades comply with various marine regulations and recommendations including:

**IMO 5.1.1.2.6. Removable Solar Shades:** "To ensure a clear view and to avoid reflection in bright sunshine, solar shades with a minimum color distortion should be provided at all windows. Such shades 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"

**P17, 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 shades covering navigation windows should be removable"

SOLASOLV is the original anti-glare roller shade for ships navigation bridge windows and the SOLASOLV brand name has grown to be internationally recognized for Performance, Quality, Reliability, Support and Service.

SOLASOLV anti-glare shades provide a long-lasting cost effective solution to reducing heat and glare on the bridge.

## BENEFITS OF SOLASOLV™ ARE CLEAR:

- **IMPROVED VISIBILITY AND SAFETY** - glare is reduced by up to 93% to ensure clear visibility and safer navigation. SOLASOLV ensures true color rendition so navigation marks and objects can be easily identified
- **REDUCED EYE STRAIN** - the problem of glare and reflection on electronic charts is eliminated. Low sun and its reflection on water and ice can be hazardous and uncomfortable. SOLASOLV eliminates these problems
- **A MORE COMFORTABLE WORKING ENVIRONMENT IS CREATED. SOLASOLV SHADES CAN ALSO HELP REDUCE AIR CONDITIONING REQUIREMENTS** - keeping crew alert and maintaining work rate by rejecting up to 87%\* of the sun's heat
- **PROTECTION OF EXPOSED AREAS OF THE BODY** - at least 97% of harmful u.v. light is filtered
- **RELIABLE PERFORMANCE** - SOLASOLV shades have a proven track record for outstanding performance since 1987

\* maximum benefit can only be achieved by installing SOLASOLV shades at all windows

## OTHER FEATURES OF SOLASOLV™ SHADES:

- **COMPLY WITH MARINE REGULATIONS** - IMO 5.1.1.2.6, ISO 8468:1995, M Notice 760, MSSN No. 1419 1998.
- **TYPE APPROVED** - SOLASOLV shades are the only shades available to be Type Approved by Lloyds, DNV and ABS
- **QUALITY ASSURED PRODUCTS** - grade 'A' quality components and finish. **SOLASAFE™** shades have a FIVE year unconditional warranty, including parts and accidental damage
- **CHOICE OF SHADE FILM COLORS** - gold, silver, gray, bronze
- **CHOICE OF ALUMINUM PROFILE COLORS** - over 400 variations
- **CHOICE OF OPERATING SYSTEMS** - manual, electric, remote controlled
- **SUITABLE** for use on any type of vessel from cruise ships to tugs
- **MADE TO MEASURE** to your exact dimensions and specifications
- **FAST AND EFFICIENT SERVICE** - 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, SIMPLE TO OPERATE** complete with instructions
- **NO MAINTENANCE** - an additional feature of the SOLASAFE shade 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!