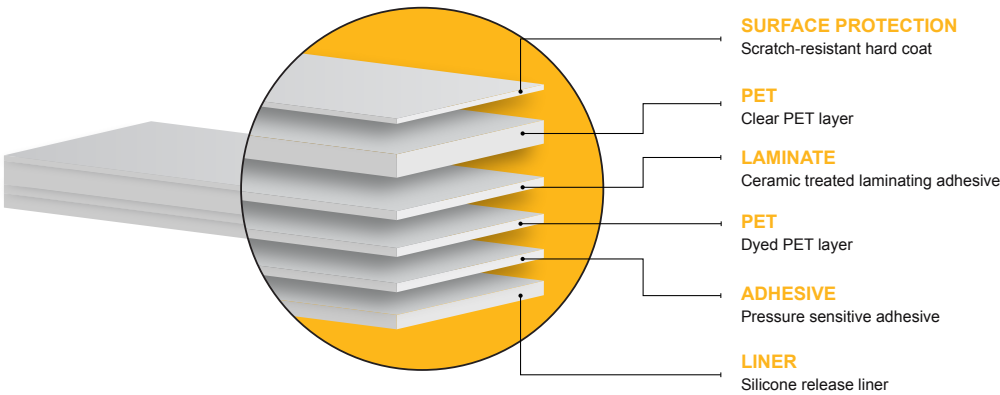


INFORMATION

XPEL **Marine** Window Tint is a nano-ceramic window film engineered specifically for marine applications to provide high heat rejection, glare reduction and ultraviolet protection while providing enhanced visibility with low reflectivity across the whole range.

PRODUCT
CONSTRUCTION



GENERAL CHARACTERISTICS

PROPERTIES	MEASUREMENT UNIT	TEST RESULT
Visible Light Transmittance	%	6 to 77
Visible Light Reflectance	%	6 to 8
Total Solar Energy Rejection	%	45 to 64
IRER (780nm to 2500nm)	%	60 to 64
SIRR (780nm to 1700nm)	%	80 to 93
UV Rejection	%	99

RECOMMENDED SHELF LIFE - 2 years from date of purchase*
*If installing film after recommended shelf life, re-certification by XPEL is required.

RECOMMENDED STORAGE CONDITIONS
72°F (22°C) @ 50% RH
Store in a cool, dry place away from direct sunlight. Keep film in original packaging until ready for use.
Handle rolls with care to avoid edge damage, contamination or creasing.

Notice: The representations of performance and suitability for use contained in this Technical Data Sheet are meant only as a guide. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use.



QUALITY ASSURANCE

This product is produced in accordance with XPEL's quality standards and testing procedures to support consistent optical clarity, adhesive performance, color stability, and solar control performance.

STORAGE AND HANDLING

Store in a clean, dry environment and avoid exposure to excessive heat, humidity or direct sunlight. Do not stack rolls in a way that may deform cores or damage film edges. Allow material to acclimatize to the installation environment before use where storage and installation conditions differ significantly.

APPLICATION NOTES

For optimal results, install on clean, defect-free marine glass using approved window film installation techniques. Confirm local visible light transmission and reflectivity regulations before installation. Use appropriate slip solution, squeegee pressure and heat-forming technique for the selected shade.

For polycarbonate or acrylic marine glazing such as Plexiglas, XPEL Blister Prevention Film is applied to the glazing before installing Marine Window Film to prevent outgassing. Allow adequate time for film to cure before applying XPEL Marine Window Film.

APPLICATION CONDITIONS

Recommended Application: Dust-free area, away from direct sunlight, in air temperatures between 68°F (20°C) and 86°F (30°C). Allow adequate dry-out time before operating windows, cleaning glass or completing final optical inspection.

PRELIMINARY DATA

Data Notes: All performance values were tested according to ASTM, AIMCAL and EN standards, with film applied to 1/8 in. (3 mm) glass. Infrared Energy Rejection (IRER) is measured over the 780nm–2500nm range and takes into consideration absorbed and reradiated infrared energy. Selective Infrared Rejection (SIRR) is measured over 780nm–1700nm and is the percentage of infrared energy blocked by the film alone. All values are nominal and intended for guidance only. Product performance tolerances for visible light, solar energy, UV rejection and IR rejection values are +/- 3%.

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