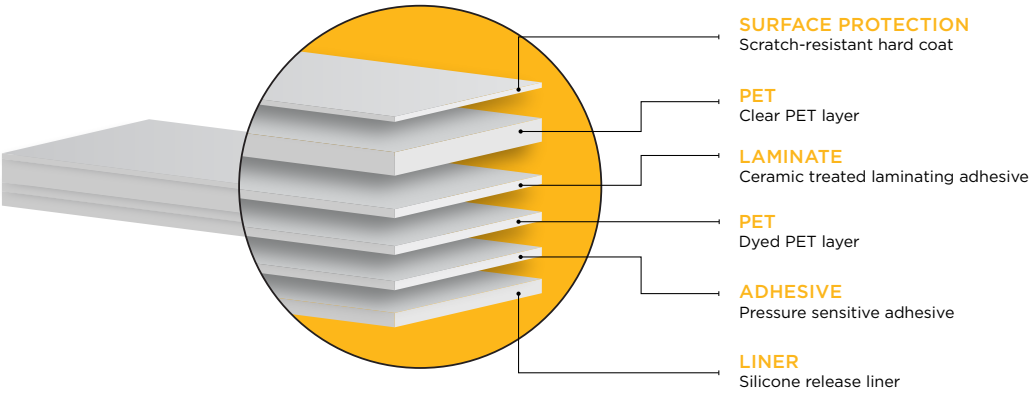


INFORMATION

PRIME™ XR is a nano-ceramic automotive window film engineered to provide high heat rejection, optical clarity, glare reduction and ultraviolet protection without metal-based signal interference. It is positioned as the core premium ceramic option within the PRIME™ range.

PRODUCT CONSTRUCTION



GENERAL CHARACTERISTICS		
PROPERTIES	MEASUREMENT UNIT	TEST RESULT
Total Thickness	mil	1.5 to 2.0
Visible Light Transmittance	%	5 to 78
Visible Light Reflectance	%	6 to 9
Total Solar Energy Rejection	%	42 to 66
IRER (780nm to 2500nm)	%	55 to 64
Solar Energy Transmittance	%	11 to 45
Solar Energy Reflectance	%	6 to 8
Solar Energy Absorbance	%	47 to 83
UV Rejection	%	99
Glare Reduction	%	14 to 95
Shading Coefficient	Value	0.39 to 0.67
IR Rejection at 1025nm	%	73 to 85

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, colour 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 automotive 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.

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 data is gathered using a LAMBDA 1050+ UV/Vis/NIR Spectrophotometer with film applied to 1/8 in. (3 mm) glass. Visible light and solar energy data are reported using EN 410 methodology. IR rejection data is reported at a singular wavelength of 1025nm. Infrared Energy Rejection (IRER) is measured over 780nm to 2500nm and takes into consideration absorbed and reradiated infrared energy. Product performance tolerances for visible light, solar energy, UV rejection and IR rejection values are +/- 3%. Product thickness values are nominal and for guidance only.

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