PRIME SPECTRA CHROMA

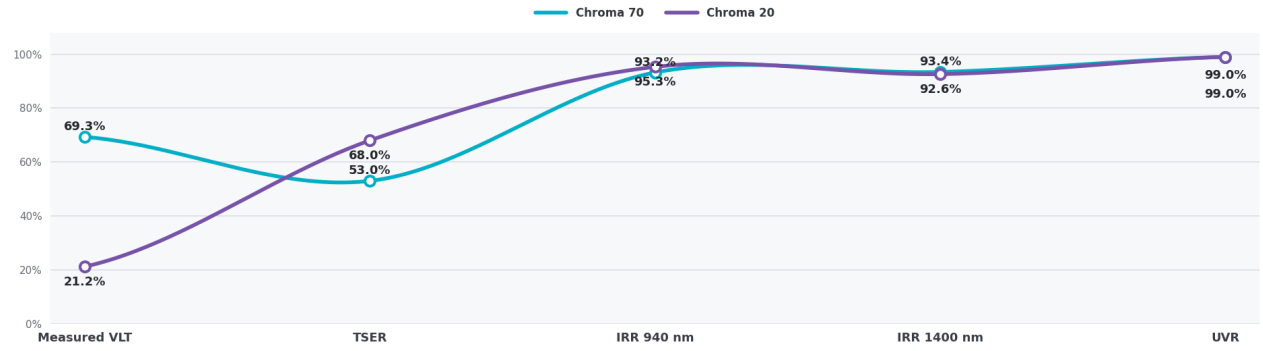
WET-RESPONSIVE COLOUR-CHANGING WINDOW FILM

PRIME SPECTRA / NOMINAL 76 ± 4 µm / CHROMA 70 • CHROMA 20

Prime Spectra Chroma is a specialty automotive window film with a colour-changing appearance when wet. Chroma 70 prioritises visible-light clarity, while Chroma 20 provides a darker visual result; both variants retain high infrared and ultraviolet rejection.

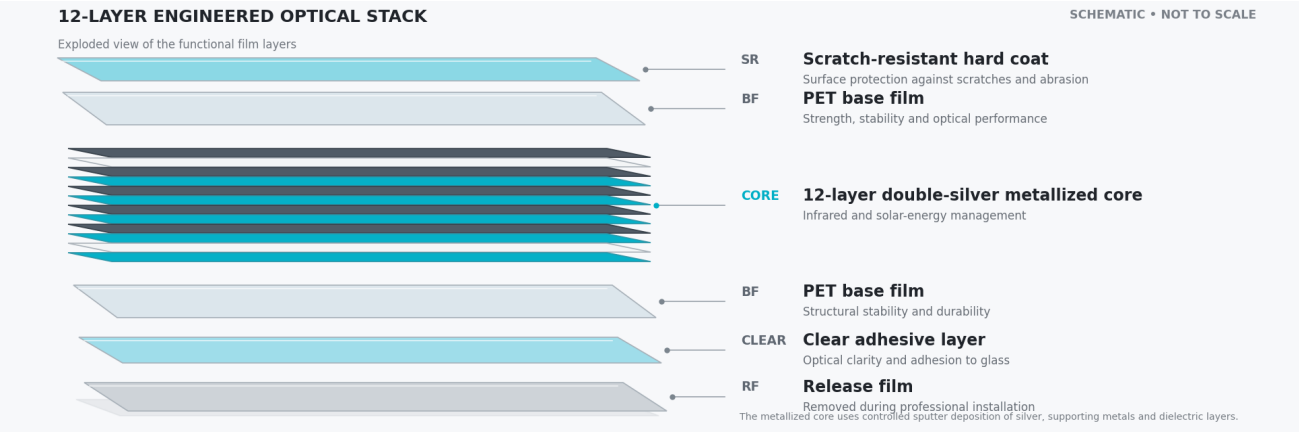
2	68.0%	95.3%	99.0%
VLT OPTIONS	MAX TSER	MAX IRR @ 940 NM	UV REJECTION

OPTICAL AND SOLAR PERFORMANCE PROFILE



Markers show the exact supplied values. Curved lines are a visual guide between independent performance indicators.

ENGINEERED MULTI-LAYER CONSTRUCTION



PRIME SPECTRA CHROMA PERFORMANCE DATA

NUMERIC SPECIFICATIONS BY PRODUCT VARIANT

THERMAL AND OPTICAL PERFORMANCE

VARIANT	MEASURED VLT	TSER	IRR 1400 nm	IRR 940 nm	UVR	SC
Chroma 70	69.3%	53.0%	93.4%	93.2%	99.0%	0.47
Chroma 20	21.2%	68.0%	92.6%	95.3%	99.0%	0.32

SOLAR TRANSMISSION, REFLECTANCE AND CLARITY

VARIANT	SOLAR TRANS.	PSA VLR	SR VLR	SOLAR REFL.	HAZE	THICKNESS
Chroma 70	47.6%	8.5%	10.0%	7.5%	0.93	76 ± 4 µm
Chroma 20	32.7%	6.5%	7.5%	5.5%	1.23	76 ± 4 µm

CONSTRUCTION LAYER DEFINITIONS

ABBREVIATION	FULL NAME	FUNCTION
SR	Scratch-resistant hard coat	Protects the film surface against scratches and abrasion.
BF	PET base film	Provides strength, stability and optical performance.
CORE	12-layer double-silver metallized coating	Sputter-deposited silver, aluminium, nickel-chromium, titanium, chromium and dielectric layers absorb and reflect infrared radiation and solar energy.
BF	PET base film	Enhances structural stability and durability.
CLEAR	Clear adhesive layer	Provides optical clarity and strong adhesion to glass.
RF	Release film	Protects the adhesive before installation and is removed during fitment.

TECHNICAL DEFINITIONS

TERM	DEFINITION
VLT	Visible Light Transmission: percentage of visible light transmitted through the film.
TSER	Total Solar Energy Rejection: total incident solar energy rejected by the film/glass system.
IRR	Infrared Rejection measured at the stated wavelength; it is not equivalent to full-spectrum TSER.
UVR	Ultraviolet Rejection.
SC	Shading Coefficient, reported by the supplier as SHGC / 0.87.
VLR	Visible Light Reflectance measured from the adhesive (PSA) side or scratch-resistant (SR) side.
Solar trans. / refl.	Total Solar Transmittance / Reflectance measured across 300-2500 nm.

APPLICATION AND PRODUCT NOTES

ITEM	DETAIL
Application	Professional installation on compatible automotive glazing. Installer must confirm local legal VLT requirements before fitment.
Options	Customer-facing options are Chroma 70 and Chroma 20. Their measured VLT values are 69.3% and 21.2% respectively. Measured values remain subject to normal test, glass and manufacturing tolerances.
E-warranty	Eligible Prime installations are protected through Sentrix digital e-warranty registration by an authorised installer, subject to prevailing terms and exclusions.