CYBRIX

THE NEXT-GEN PROTECTION

CYBRIXUSA.COM

The IRON Collection

Professional Aliphatic TPU protection films · Product specifications

CLEAR GLOSS · SATIN & MATTE · COLOR · HEADLIGHT · GLASS



THE IRON COLLECTION

Choose your protection.

Eleven professional formats across paint, lighting and glass.

CLEAR GLOSS PPF · THREE LEVELS



ESSENTIAL

IRONONE

7.5 mil THICKNESS

5 years WARRANTY

Original-paint clarity for full-body and high-impact zones.



EXTREME-CLIMATE FLAGSHIP

IRONSHIELD

8.5 mil THICKNESS

10 years* WARRANTY

Engineered for extreme climates: enhanced hydrophobic topcoat, yellowing covered.



MAXIMUM IMPACT

IRONTITAN

10 mil THICKNESS

10 years* WARRANTY

The most substantial clear layer in the collection, yellowing covered.

THE COLLECTION AT A GLANCE

CATEGORY	PRODUCT	FINISH	THICKNESS	FORMAT	WARRANTY
Clear Gloss PPF	IRONONE	Transparent gloss	7.5 mil	1.52 × 15 m	5 years
Clear Gloss PPF	IRONSHIELD · Flagship	Transparent gloss	8.5 mil	1.52 × 15 m	10 years*
Clear Gloss PPF	IRONTITAN	Transparent gloss	10 mil	1.52 × 15 m	10 years*
Satin & Matte PPF	IRONSatin	Satin / soft sheen	7.5 mil	1.52 × 15 m	5 years
Satin & Matte PPF	IRONMatte	Matte / low sheen	7.5 mil	1.52 × 15 m	5 years
Color PPF	IRONMIX M1–M4	388 colors	8 mil	1.52 × 15 m	5 years
Headlight PPF	IRONPure™ HD	Clear gloss	7.5 mil	0.30 × 15 m	5 years
Headlight PPF	IRONSmoke™ 35%	Smoke · 35% VLT	7.5 mil	0.30 × 15 m	5 years
Glass Protection	SkyArmor™ Cryo-Shield	Ice blue · 70% VLT	7.5 mil	1.52 × 15 m	1 year
Glass Protection	FrontArmor™ Impact-X	Optically clear	7.5 mil	1.52 × 15 m	1 year
Accessory	IRONMIX Color Library	3 books · 388 colors	—	1 set	—

THE CYBRIX STANDARD

Aliphatic TPU throughout
Every CYBRIX film is built on an Aliphatic TPU platform.

Professional formats
Full rolls specified for planning by trained installers.

10-Year Yellowing Promise
IRONSHIELD and IRONTITAN: yellowing covered with replacement film.

*IRONSHIELD and IRONTITAN: 10-year limited warranty including yellowing under the 10-Year Yellowing Promise (registered installations; replacement film supplied, labor not included). All other coverage, limitations and claims follow the applicable written warranty.

CYBRIX
THE NEXT-GEN PROTECTION

PARTNER VALUE

FOR PROFESSIONAL INSTALLERS

Built to grow your business.

Film quality is the starting point. CYBRIX is built to help your shop sell, earn and stand behind every installation.



WHAT CYBRIX BRINGS TO YOUR SHOP

01 SELL

A clear upgrade story

IRONONE, IRONSHIELD and IRONTITAN form a simple good-better-best ladder. IRONSHIELD gives every consultation a headline: engineered for extreme climates.

02 EARN

Margin on every roll

Verified trade pricing from the first roll, volume tiers up to 25% off and distributor rates up to 30%. Eligible full-width SKUs combine toward the order quantity.

03 PROTECT

A promise you can sell

Register each IRONSHIELD or IRONTITAN installation online. If the film yellows within 10 years, CYBRIX ships replacement film to your shop.*

THE CYBRIX PARTNER TOOLKIT

One supplier, every surface

Clear, satin, matte and 388-color PPF, plus headlight, roof and windshield film.

IRONMIX Color Library

Three physical books, 388 colors: clients choose color under real light.

Sales-ready documents

HKD and USD price guides, plus a one-page specification sheet for every product.

Order and pay online

Create an account at cybrixusa.com; verified installers unlock trade pricing at checkout.

Shipped worldwide

Full rolls are professionally packed and shipped worldwide.

CYBRIX Car Care

PPF-compatible aftercare to retail after every install: Hydro Foam, Hydro Coat and Zero Cut+.

START IN THREE STEPS

01 · Create account

Register at cybrixusa.com and submit your installer details for verification.

02 · Unlock trade pricing

Verified accounts see Trade 1+ and volume pricing automatically at checkout.

03 · Order, pay, receive

Pay securely online; full rolls are packed and shipped to your shop worldwide.

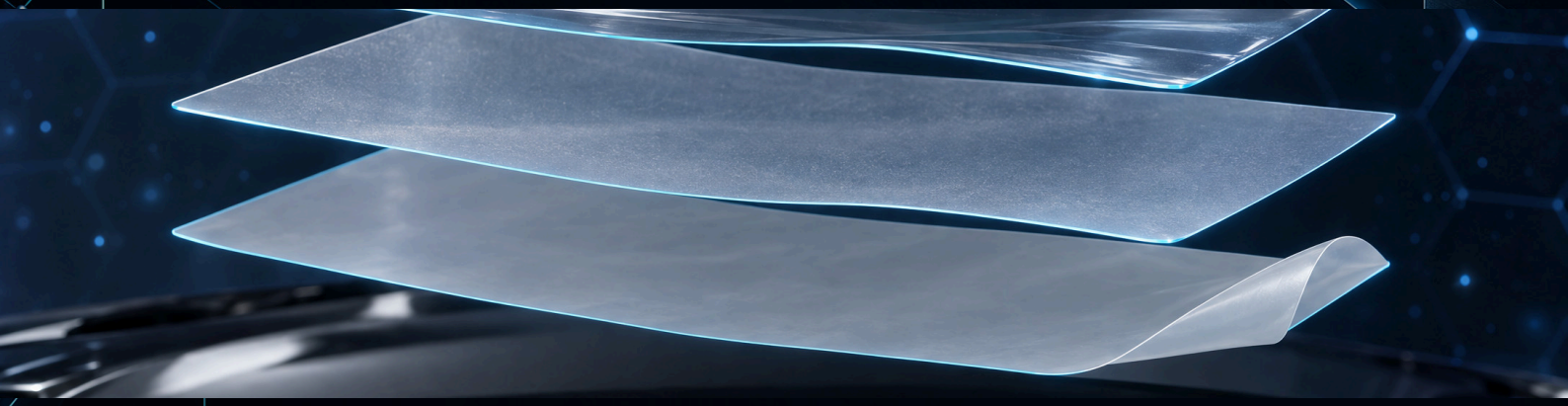
3	388	Up to 30%	10 years*
CLEAR-FILM LEVELS	IRONMIX COLORS	DISTRIBUTOR PRICING	YELLOWING PROMISE

*10-Year Yellowing Promise: IRONSHIELD and IRONTITAN installations registered online within 30 days; replacement film supplied, labor not included. See the Warranty page for full terms. Trade and volume pricing require a verified installer account; distributor rates are quoted on review.

FILM TECHNOLOGY · PREMIUM CONSTRUCTION

Engineered in layers.

From the nano surface layer down to the adhesive: inside a CYBRIX protection film.



PREMIUM PPF STRUCTURE · SURFACE TO ADHESIVE

Shown: IRONSHIELD · illustrative, not to scale



01 **Enhanced nano hydrophobic layer**
The outermost surface. Sheds water fast to help reduce water-spot formation, and resists road grime for easier maintenance.

02 **Self-healing topcoat**
An elastic clear coat engineered for heat-activated recovery of minor swirl marks.

03 **Aliphatic TPU substrate**
The protection core: flexible, impact-absorbing and formulated for yellowing resistance.

04 **Acrylic pressure-sensitive adhesive**
An optically clear adhesive that bonds the film to factory paint for professional installation.

BASE **Factory paint**
The surface protected beneath the film

ONE STRUCTURE, FOUR FINISHES



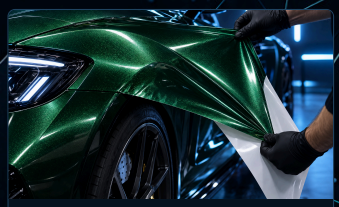
Transparent gloss
IRONONE · IRONSHIELD · IRONTITAN



Satin
IRONSatin



Matte
IRONMatte



Color
IRONMIX · 388 colors

Illustrative construction; layer order shown from the outer surface to the adhesive, not to scale. The release liner is removed during installation. Satin, matte and color films use finish-specific topcoats; IRONMIX adds a color layer. Self-healing recovery applies to minor swirl marks under heat and does not repair cuts, chips or deep scratches. Confirm details against the product technical data sheet.

CLEAR GLOSS PPF · ESSENTIAL

IRONONE

Invisible protection. Everyday confidence.

5 YEAR WARRANTY



7.5 mil	1.52 × 15 m	Aliphatic	5 years
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

IRONONE is a 7.5 mil Aliphatic TPU clear-gloss film for full-body and high-impact-zone coverage. It keeps the color and depth of factory paint front and center, in an efficient format professional installers can plan around.

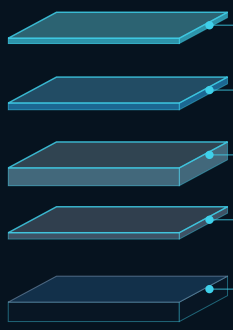
SEE THE FILM



Clear film, precisely laid: the edge stays discreet on gloss paint.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer**
Repels water and road grime

02 **Self-healing topcoat**
Heat-activated swirl recovery

03 **Aliphatic TPU substrate**
7.5 mil conformable core

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Factory paint**
Painted body panel

Original-Paint Clarity

A transparent gloss finish that keeps factory color, depth and reflections in focus.

Aliphatic TPU Platform

Flexible, conformable polyurethane for curves, edges and high-impact zones.

Efficient Roll Format

1.52 × 15 m delivers 22.8 m² for full-front or full-body planning.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Transparent gloss
Application	Painted exterior body panels
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	7.5 mil / 190.5 µm

INSTALLATION & CARE

Install with professional slip-solution technique. Wash with pH-neutral automotive soap and soft microfiber; avoid abrasive pads, harsh solvents and aggressive pressure-washing at film edges.

5-year warranty. Coverage, exclusions and claim procedures follow the applicable written warranty. Confirm surface condition and compatibility before installation.

CLEAR GLOSS PPF · EXTREME-CLIMATE FLAGSHIP

IRONSHIELD

Engineered for extreme climates.

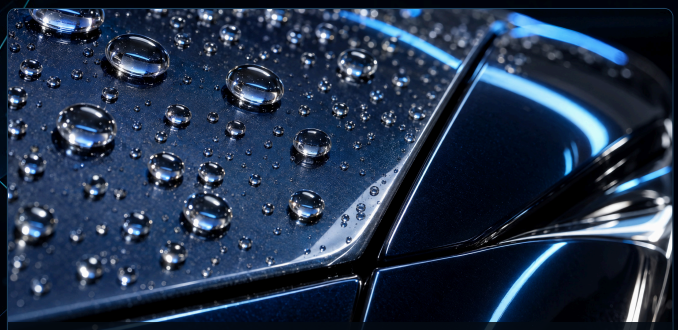
10* YEAR WARRANTY



8.5 mil	1.52 × 15 m	Aliphatic	10 years*
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	INCL. YELLOWING

IRONSHIELD is the CYBRIX flagship clear-gloss film, engineered for the conditions that age film fastest: intense UV, sustained heat, high humidity and monsoon rain. Its 8.5 mil Aliphatic TPU core resists yellowing, its enhanced hydrophobic topcoat sheds water fast, and the 10-Year Yellowing Promise backs every registered installation.*

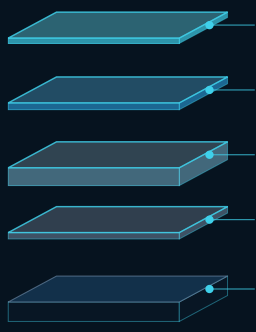
SEE THE FILM



Enhanced hydrophobic topcoat: tight, high water beads that roll off fast.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Enhanced nano hydrophobic layer**
Sheds water fast · helps reduce spotting

02 **Self-healing topcoat**
Heat-activated swirl recovery

03 **Aliphatic TPU substrate**
Yellowing-resistant 8.5 mil core

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Factory paint**
Painted body panel

10-Year Yellowing Promise*

Yellowing is covered: replacement film from a new roll for the affected panels.

Enhanced Hydrophobic Topcoat

Water beads tight and sheets off fast, helping reduce water-spot formation.

Built for Extreme Climates

Engineered for intense UV, sustained heat, high humidity and heavy rain.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Transparent gloss
Application	Painted exterior body panels
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	8.5 mil / 215.9 µm

BUILT FOR EXTREME CLIMATES

CLIMATE STRESS	IRONSHIELD RESPONSE
Intense UV & heat	Yellowing-resistant Aliphatic TPU core
Monsoon & heavy rain	Enhanced topcoat sheds water fast
Water spots	Faster run-off helps reduce spotting
Humidity & road grime	Low-adhesion, easy-wash surface

*10-Year Yellowing Promise: 10-year limited warranty including yellowing for installations registered online within 30 days. Remedy: replacement film from a new roll for the affected panels, up to one full roll per registered vehicle; labor is not included. Water spots, contamination stains, improper installation or care, and accident damage are excluded. Full terms: see the Warranty page. Climate and hydrophobic statements describe design intent; results vary with exposure and care.

CLEAR GLOSS PPF · MAXIMUM IMPACT

IRONTITAN

Maximum thickness. Maximum presence.

10* YEAR WARRANTY



10 mil	1.52 × 15 m	Aliphatic	10 years*
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	INCL. YELLOWING

IRONTITAN is the thickest film in the CYBRIX clear-gloss range: a 10 mil Aliphatic TPU construction for owners who want the most substantial protection layer, backed by the 10-Year Yellowing Promise on every registered installation.*

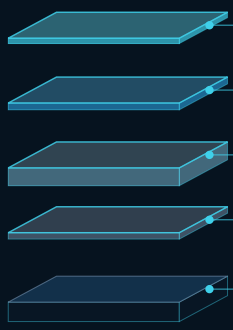
SEE THE FILM



A substantial clear edge, wrapped flush around the panel.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer**
Repels water and road grime

02 **Self-healing topcoat**
Heat-activated swirl recovery

03 **Aliphatic TPU substrate**
10 mil maximum-thickness core

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Factory paint**
Painted body panel

10 mil Construction

254 µm nominal thickness: the most substantial clear film in the collection.

10-Year Yellowing Promise*

Yellowing is covered: replacement film from a new roll for the affected panels.

Gloss-Preserving Finish

A transparent gloss surface that keeps paint depth and reflections crisp.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Transparent gloss
Application	Painted exterior body panels
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	10 mil / 254 µm

INSTALLATION & CARE

Install with professional slip-solution technique. Wash with pH-neutral automotive soap and soft microfiber; avoid abrasive pads, harsh solvents and aggressive pressure-washing at film edges.

*10-Year Yellowing Promise: 10-year limited warranty including yellowing for installations registered online within 30 days. Remedy: replacement film from a new roll for the affected panels, up to one full roll per registered vehicle; labor is not included. Water spots, contamination stains, improper installation or care, and accident damage are excluded. Full terms: see the Warranty page.

SATIN PPF

IRONSatin

Gloss, refined to satin.

5 YEAR WARRANTY



7.5 mil	1.52 × 15 m	Aliphatic	5 years
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

IRONSatin converts gloss paint to a soft, sculpted satin sheen while protecting it beneath a 7.5 mil Aliphatic TPU layer: a refined finish change without a repaint.

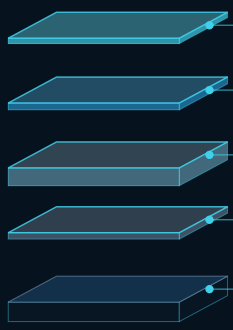
SEE THE FILM



Gloss to satin: the finish transition is visible at the film edge.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer**
Repels water and road grime

02 **Self-healing satin topcoat**
Soft-sheen finish, swirl recovery

03 **Aliphatic TPU substrate**
7.5 mil conformable core

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Factory paint**
Gloss or satin paint

Refined Satin Sheen

Softened reflections that emphasize body lines with a modern, sculpted look.

Finish + Protection

Changes the visual finish while adding a dedicated protective layer.

Full-Body Format

1.52 × 15 m / 22.8 m² for complete satin conversions.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Satin / soft sheen
Application	Painted exterior body panels
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	7.5 mil / 190.5 µm

INSTALLATION & CARE

Install with professional slip-solution technique. Wash with pH-neutral automotive soap and soft microfiber; avoid abrasive pads, harsh solvents and aggressive pressure-washing at film edges.

5-year warranty. Coverage, exclusions and claim procedures follow the applicable written warranty. Confirm surface condition and compatibility before installation.

MATTE PPF

IRONMatte

Deep matte. Pure attitude.

5 YEAR WARRANTY



7.5 mil	1.52 × 15 m	Aliphatic	5 years
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

IRONMatte delivers a deep, low-sheen matte look over gloss paint, protected by a 7.5 mil Aliphatic TPU layer. It is also suited to protecting compatible factory matte finishes.

SEE THE FILM



Gloss to matte: a crisp, low-sheen transition at the film edge.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer**
Repels water and road grime

02 **Self-healing matte topcoat**
Low-sheen finish, swirl recovery

03 **Aliphatic TPU substrate**
7.5 mil conformable core

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Factory paint**
Gloss or matte paint

Low-Sheen Matte

A flat, velvety finish for a stealth, performance-driven aesthetic.

Matte-Paint Friendly

Suited to protecting compatible factory matte and frozen finishes.

Full-Body Format

1.52 × 15 m / 22.8 m² for complete matte conversions.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Matte / low sheen
Application	Painted exterior body panels
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	7.5 mil / 190.5 µm

INSTALLATION & CARE

Install with professional slip-solution technique. Wash with pH-neutral automotive soap and soft microfiber; avoid abrasive pads, harsh solvents and aggressive pressure-washing at film edges.

5-year warranty. Coverage, exclusions and claim procedures follow the applicable written warranty. Confirm surface condition and compatibility before installation.

COLOR PPF · M1–M4

IRONMIX

Color change. Paint protection. One film.

5 YEAR WARRANTY



8 mil	1.52 × 15 m	Aliphatic	5 years
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

IRONMIX pairs color-change styling with an 8 mil Aliphatic TPU protection film, available in 388 colors across four finish bands, M1 to M4. Change the look and protect the factory paint underneath.

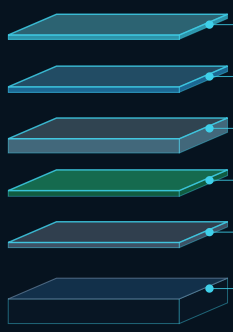
SEE THE FILM



Color film, applied: deep metallic green released from its liner.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer**
Repels water and road grime

02 **Self-healing topcoat**
Heat-activated swirl recovery

03 **Aliphatic TPU substrate**
8 mil protection core

04 **Color layer**
388 colors · M1–M4

05 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Factory paint**
Painted body panel

388 Colors, 4 Bands

Crystal, metallic, satin, chrome and forged-carbon looks, organized as M1–M4.

TPU Protection Film

A protective 8 mil Aliphatic TPU construction, not just a color layer.

Professionally Removable

Designed for professional removal from sound factory paint.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Color and finish by M-band
Application	Painted exterior body panels
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	8 mil / 203.2 µm

M-SERIES FINISH BANDS

BAND	FINISH FAMILIES
M1	Crystal, Metallic, Liquid Metallic, White Chameleon, Ultra Matte, Velvet
M2	Laser, Dual-Tone Purple Chameleon
M3	Starry Black / Red Chameleon, Iridescent Brocade
M4	Electroplated, Carbon-Fiber Effect

5-year warranty. Coverage, exclusions and claim procedures follow the applicable written warranty. Confirm surface condition and compatibility before installation.

HEADLIGHT PPF

IRONPure™ HD

Crystal clear. Lens guarded.

5 YEAR WARRANTY



7.5 mil	0.30 × 15 m	Aliphatic	5 years
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

IRONPure HD is a 7.5 mil Aliphatic TPU headlight film that helps protect compatible lenses from road debris, abrasion and weathering, while keeping the light signature crystal clear.

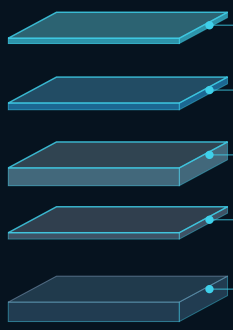
SEE THE FILM



Clear headlight film, squeegeed flush to the lens.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer***
95° water contact angle

02 **Self-healing topcoat***
Heat-activated swirl recovery

03 **Aliphatic TPU substrate**
Clear HD protection core

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Headlight lens**
Compatible lamp lens

HD Clarity

A clear film that keeps the factory light signature crisp and unchanged.

Self-Healing Topcoat*

Supplier reference: heat-activated recovery of minor swirl marks.

Hydrophobic Surface*

Supplier reference: 95° water contact angle for easier cleaning.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Clear gloss
Application	Compatible headlight lenses
Roll format	0.30 m × 15 m · 4.5 m²
Nominal thickness	7.5 mil / 190.5 µm

TECHNICAL REFERENCE

*Supplier reference

REFERENCE METRIC	VALUE
Tensile strength / elongation	30 MPa / 360%
Haze / water contact angle	0.2% / 95°
Service temperature	–40 °C to +120 °C

Apply only to sound, compatible lenses; not a lens-restoration product. Verify local lighting rules and beam performance before road use.

*Supplier reference values for the stated construction; not independently certified for every batch or vehicle. 5-year warranty; coverage and claims follow the applicable written warranty.

HEADLIGHT PPF · SMOKE

IRONSmoke™ 35%

Darker. Sharper. Protected.

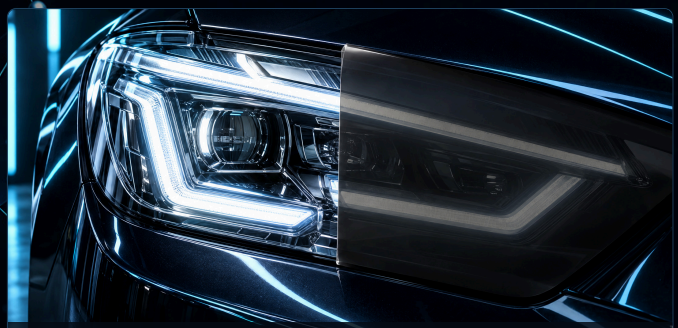
5 YEAR WARRANTY



7.5 mil	0.30 × 15 m	Aliphatic	5 years
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

IRONSmoke 35% adds a sleek smoked tint to compatible lamp lenses while protecting them beneath a 7.5 mil Aliphatic TPU layer, for a darker, more aggressive front or rear signature.

SEE THE FILM



Clear to smoke: the 35% tint boundary, shown on a working lamp.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer***
95° water contact angle

02 **Self-healing topcoat***
Heat-activated swirl recovery

03 **Smoked Aliphatic TPU**
35% nominal VLT tint

04 **Acrylic pressure-sensitive adhesive**
Optically clear bond

BASE **Headlight lens**
Compatible lamp lens

35% Nominal VLT

A deep smoked tone that sharpens the vehicle's visual signature.

Protective TPU Layer

Helps guard compatible lenses against road debris and abrasion.

Self-Healing Topcoat*

Supplier reference: heat-activated recovery of minor swirl marks.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Smoke / 35% nominal VLT
Application	Compatible lamp lenses
Roll format	0.30 m × 15 m · 4.5 m²
Nominal thickness	7.5 mil / 190.5 µm

TECHNICAL REFERENCE

*Supplier reference

REFERENCE METRIC	VALUE
Visible light transmission	35% nominal
Tensile strength / elongation	30 MPa / 360%
Service temperature	–40 °C to +120 °C

Tint may reduce usable lamp output. Confirm local lighting rules, lens compatibility and beam performance before road use; remove if visibility or compliance is affected.

*Supplier reference values for the stated construction; not independently certified for every batch or vehicle. 5-year warranty; coverage and claims follow the applicable written warranty.

CYBRIX
THE NEXT-GEN PROTECTION

PANORAMIC ROOF FILM · ICE BLUE

SkyArmor™

Cryo-Shield. Ice-blue solar control for glass roofs.

1 YEAR WARRANTY



7.5 mil	1.52 × 15 m	Aliphatic	1 year
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

SkyArmor Cryo-Shield is a 7.5 mil Aliphatic TPU film for compatible panoramic roof glass. Its light ice-blue tint keeps the view bright and open at a nominal 70% VLT, while a solar-control layer helps reduce heat and UV entering the cabin.

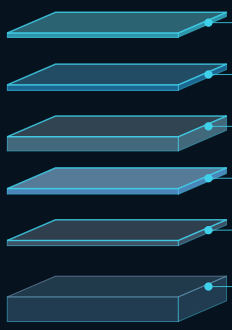
SEE THE FILM



Ice-blue film, visibly applied: tinted film meets untreated roof glass.

FILM STRUCTURE

Surface to adhesive · illustrative



01 **Nano hydrophobic layer***
Anti-fouling, easy-clean surface

02 **Self-healing topcoat***
Heat-activated swirl recovery

03 **Aliphatic TPU substrate**
Flexible protection core

04 **Ice-blue solar-control nano layer***
70% nominal VLT · heat & UV control

05 **Nano adhesive layer**
Optically clear bond to glass

BASE **Panoramic roof glass**
Compatible glazing

Ice Blue · 70% VLT

A light, cool tint that keeps the panoramic view bright and open.

Solar-Control Layer*

Supplier reference: 99.9% UV and 82% IR rejection; 58% TSER.

Fragment-Retention Support*

Helps reduce glass-fragment scatter if the roof glass breaks.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Light ice-blue tint · 70% nominal VLT
Application	Compatible panoramic roof glass
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	7.5 mil / 190.5 µm

TECHNICAL REFERENCE

*Supplier reference

REFERENCE METRIC	VALUE
VLT / haze*	70% nominal / 0.2%
UV / IR rejection*	99.9% / 82%
TSER / SHGC*	58% / 0.42

Confirm glass construction, seals, sensors and vehicle guidance before installation. The film does not make glass explosion-proof or shatterproof and does not replace safety glazing.

*Supplier reference values for the stated construction; not independently certified for every batch or vehicle. 1-year warranty; coverage and claims follow the applicable written warranty.

WINDSHIELD PROTECTION FILM

FrontArmor™

Impact-X. Guard the glass you look through.

1 YEAR WARRANTY



7.5 mil	1.52 × 15 m	Aliphatic	1 year
NOMINAL THICKNESS	ROLL WIDTH × LENGTH	TPU FILM MATERIAL	WARRANTY TERM

FrontArmor Impact-X is a 7.5 mil, optically clear Aliphatic TPU film that adds a sacrificial protection layer to the exterior of compatible windshields, helping reduce chips, pitting and scratches from road debris and wiper grit.

SEE THE FILM



Clear windshield film, peeled back to show its thickness and water beading.

FILM STRUCTURE

Surface to adhesive · illustrative



01 Nano hydrophobic layer*
Helps water bead and release

02 Self-healing topcoat*
Heat-activated swirl recovery

03 Optically clear Aliphatic TPU
Impact-absorbing protection core

04 Optically clear adhesive
Bonds to exterior glass

BASE Windshield glass
Exterior surface

Optical Clarity*

Supplier reference: 91% VLT and 0.15% haze for a clear view.

Impact-Absorbing TPU*

28 MPa tensile strength and 380% elongation help absorb debris strikes.

Hydrophobic Topcoat*

Nano hydrophobic, anti-fouling surface helps water bead and release.

SPECIFICATIONS

SPECIFICATION	VALUE
Finish	Optically clear
Application	Exterior of compatible windshields
Roll format	1.52 m × 15 m · 22.8 m²
Nominal thickness	7.5 mil / 190.5 µm

TECHNICAL REFERENCE

*Supplier reference

REFERENCE METRIC	VALUE
Visible light transmission / haze*	91% / 0.15%
Tensile strength / elongation*	28 MPa / 380%
Gloss*	155+

Confirm glass type, optics, ADAS and wiper compatibility, and local road-use rules. The film does not make glass shatterproof or explosion-proof and does not replace approved safety glazing.

*Supplier reference values for the stated construction; not independently certified for every batch or vehicle. 1-year warranty; coverage and claims follow the applicable written warranty.

COLOR LIBRARY · 3 BOOKS

IRONMIX Color Library

388 colors. Seen in person, chosen with confidence.

388 COLORS



The IRONMIX Color Library is a complete set of three physical color books covering all 388 IRONMIX colors. It lets installers and clients judge color, flake and finish under real light before committing to a full roll.

3 PHYSICAL BOOKS	**388** COLOR SELECTIONS
M1–M4 FINISH BANDS	**1 set** ORDER UNIT

LIBRARY SPECIFICATIONS

SPECIFICATION	VALUE
Set content	Three physical color books
Color selections	388
Film selection	M1 / M2 / M3 / M4 finish bands
Film ordering	Full rolls, sold separately
Discount eligibility	Excluded from film MOQ and discounts

SELECT. CONFIRM. ORDER.

01 · Select
Review color, flake and finish under real light with the client.

02 · Confirm
Record the exact color code and its M-band before quoting.

03 · Order
Order full IRONMIX rolls online by confirmed code and M-band.

Printed color books are a selection aid; final appearance can vary with lighting, substrate color, batch and installation. Always confirm the physical sample and color code in writing before ordering.

IRONSHIELD · IRONTITAN

10-Year Yellowing Promise

10 YEAR PROMISE

If the film yellows, we supply the replacement film. Registered, simple and backed by CYBRIX.



10 years	30 days	New roll	1 roll
YELLOWING COVERED	ONLINE REGISTRATION	REPLACEMENT FILM	MAXIMUM PER VEHICLE

HOW IT WORKS

01 · Register

Within 30 days of installation, the installer registers the vehicle online at cybrixusa.com with the roll batch number and photos.

02 · Report

The owner notifies the installing shop in writing within 30 days of noticing yellowing, with photos and the registration record.

03 · Replace

Once the claim is verified, CYBRIX ships replacement film from a new roll to the installer for the affected panels.

COVERAGE BY PRODUCT

PRODUCT	TERM	YELLOWING	REMEDY
IRONSHIELD FLAGSHIP	10 years	**Covered**	Replacement film, new roll
IRONTITAN	10 years	**Covered**	Replacement film, new roll
IRONONE	5 years	Not included	Per written warranty
IRONSatin · IRONMatte	5 years	Not included	Per written warranty
IRONMIX M1–M4	5 years	Not included	Per written warranty
IRONPure™ HD · IRONSmoke™ 35%	5 years	Not included	Per written warranty
SkyArmor™ · FrontArmor™	1 year	Not included	Per written warranty

What the promise covers

- Visible yellowing of the film within 10 years of a registered installation
- Replacement film for the affected panels, cut from a new roll
- Up to one full 1.52 × 15 m roll per registered vehicle
- Replacement film shipped to the installing shop at no charge

What it does not cover

- Removal and reinstallation labor
- Water spots and mineral deposits
- Stains from surface contamination, chemicals or solvents
- Improper installation, storage, washing or care, including abrasive automatic car washes
- Collision, hail, flood, vandalism, or paint and body defects
- Installations not registered within 30 days

CARE FOR MAXIMUM LIFE

Dry it, don't let it bake

Hydrophobic film sheds water fast, but mineral spots can still form if water dries on it. Dry the vehicle after washing or rain.

Wash the right way

Use pH-neutral automotive shampoo and a soft microfiber mitt; keep pressure-washer nozzles away from film edges.

Keep the surface slick

Top up with a PPF-compatible product such as CYBRIX Hydro Coat to keep the film easy to clean.

Summary only. The written CYBRIX warranty governs coverage, limitations and claims. The promise applies to the registered vehicle through the CYBRIX installer who performed the installation. Replacement film does not extend or restart the original warranty term. Other CYBRIX films carry their own written warranty terms.