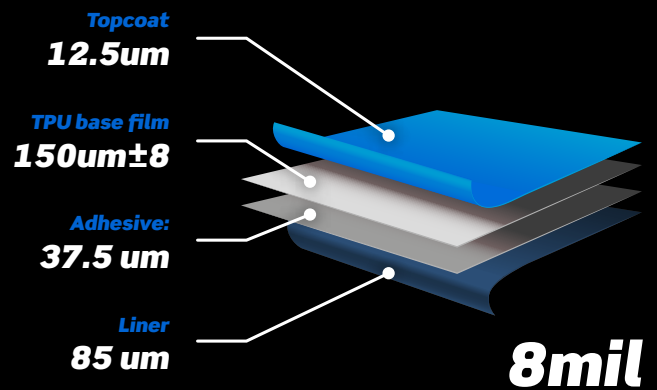


DEFENDER PLATINUM



Our Premium PPF. Durable, Self Healing and Gloss-Enhancing by 45%.

- TPU Based Material
- Protect Car Surface From Stone-Chips, Abrasion & Debris
- Highly Resistant to Swirls/Scratches
- High Clarity & Gloss

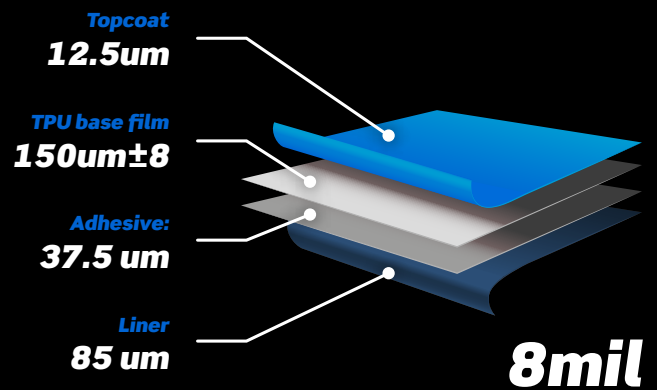


Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
PLATINUM	TPU	High Gloss	Lifetime	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	110 ≥5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0.92

DEFENDER ULTIMATE

High-end features without the cost. Low-tack easy install.

- Protects Car Surface From Stone-chips, Abrasion&Debris
- Highly Resistant To Swirls/Scratches
- High Clarity&Gloss

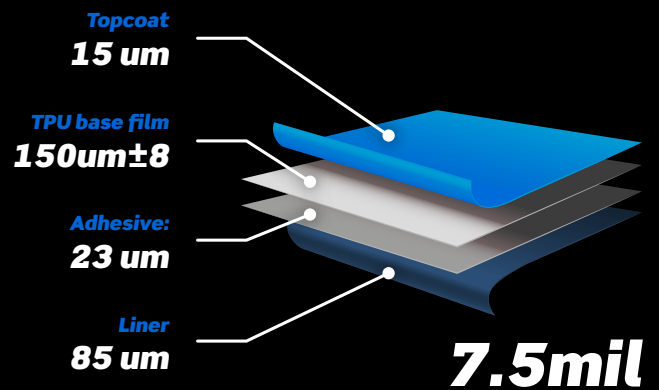


Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
ULTIMATE	TPU	High Gloss	7-10 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	110 ±5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0.92

DEFENDER ULTRA

Low tack and perfect for Bulk installation.

- Clear PPF
- Lowest tack w/ No Glue Marks
- Higher Tensile Strength

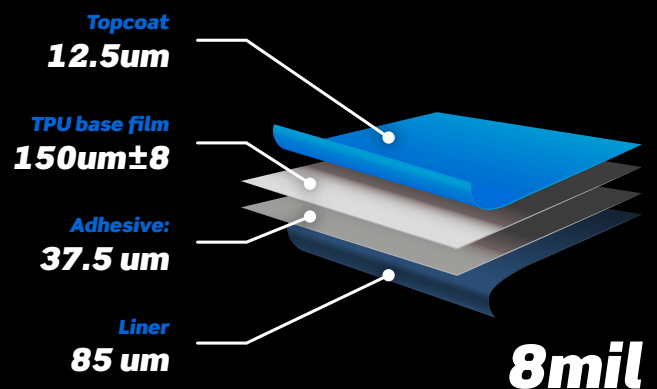


Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
ULTRA	TPU	High Gloss	5-8 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	7.5mil	15	150um±8	23um	85um
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
10500g/25mm	85N/cm	≥120%	120 ≥10min	Passed by soapy water/chemical cleaner	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0.92

DEFENDER SATIN & MATTE

Quality PPF in two luxurious smooth finishes.

- TPU Based Material
- Protect Car Surface From Stone-Chips, Abrasion & Debris
- Highly Resistant to Swirls/Scratches
- High Clarity & Gloss



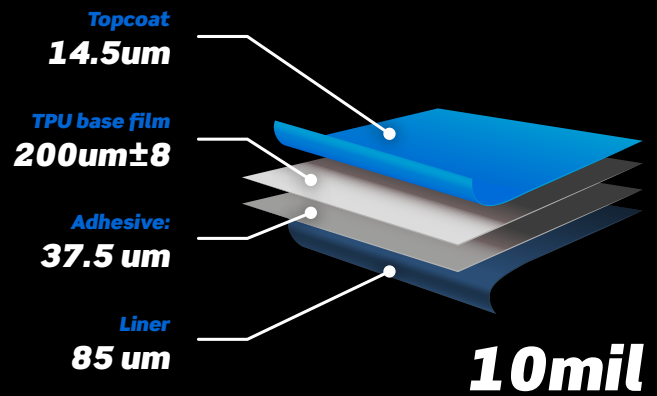
Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
SATIN/MATTE	TPU	Satin/Matte	7-10 yrs	Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	110 ±5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0.72



DEFENDER MAX 10MIL TOUGH

Extra tough 10mil PPF for the MAXIMUM protection!

- Impact Resistance
- Stain Resistance
- Self-Healing
- Anti-Yellowing



Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
MAX	TPU	High Gloss	7-10 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	10 mil	14.5 UM	200um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	110 ±5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0.92




















2020/2021

INFUSED COLOR PPF

GSWF

WE KNOW PPF
GSWFPROTECTION.COM

Infused color for the most durable color change.

	Deep Grey Gloss 2020-COL-60-50-DGRY.G		Satin Deep Grey 2020-COL-60-50-DGRY.S		Light Grey Gloss 2020-COL-60-50-LGRY.G		Satin Grey 2020-COL-60-50-GRY.S
	Deep Black Gloss 2020-COL-60-50-BLK.G		Matte Black 2020-COL-60-50-BLK.G		White Gloss 2020-COL-60-50-WHT.G		
	Sky Blue GSWF2020-112B		Satin Sky Blue GSWF2020-112S		Crimson Red Gloss 2020-COL-60-50-CRED.G		Satin Crimson Red 2020-COL-60-50-CRED.S
	Grass Green Gloss 2020-COL-60-50-GGRN.G		Satin Grass Green 2020-COL-60-50-GGRN.S		Sunshine Yellow 2020-COL-60-50-YLW.G		Satin Sunshine Yellow 2020-COL-60-50-YLW.S
	Bright Bubblegum 2020-COL-60-50-PNK.G		Satin Bubblegum 2020-COL-60-50-PNK.S		Bright Orange 2020-COL-60-50-ORG.G		Satin Orange 2020-COL-60-50-ORG.S

NEW 2021 COLORS

	Bahama Sea Breeze 2021-COL-60-50-BSB.G		Dark Amethyst 2021-COL-60-50-GDA.G		Lipstick Kiss Red 2021-COL-60-50-GLK.G		Gloss Night Sky 2021-COL-60-50-GNS.G
	Satin Latte 2021-COL-60-50-LAT.S		Gloss Military Olive 2021-COL-60-50-MOG.G		Satin Military Olive Green 2021-COL-60-50-MOG.S		

Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
2020-2021	TPU	High Gloss	8-12 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
2020-2021 Satin/Matte	TPU	Satin/Matte	8-12 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	7.5mil	15um	150um±8	37,5 UM	85um

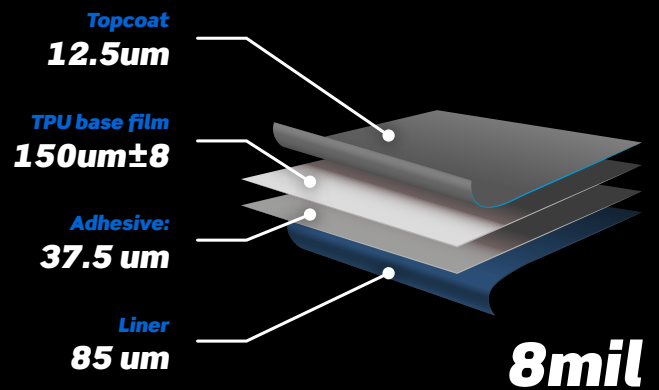
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352 kg/cm	75 N/cm	≥110%	110 ≥5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0
14550g/25mm	85N/cm	≥115%	120 ≥10min	Passed by soapy water/chemical cleaner	QUV2000H	QUV2000H	oxalate 72_ (Pass)	Pass	0

DEFENDER

SMOKE 70% 50% 30%

Easy to install Headlight/Tail Light Tinted PPF

- TPU based headlight Protection Film
- Gives Head/Tail lights & Fog Lights a Smoked Visual Look



Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
SMOKE	TPU	Smoked for Head light	7-10 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	110 ≥5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	30% / 50% 70%

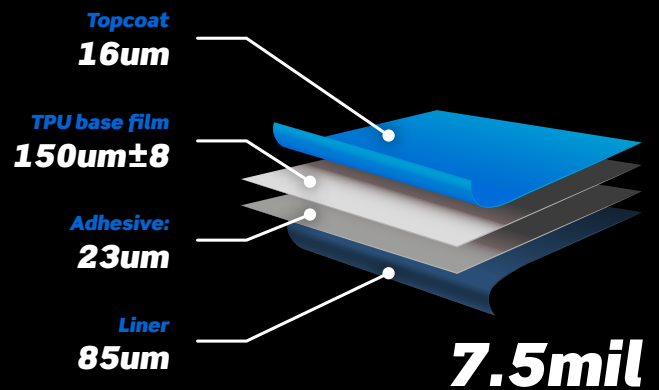


DEFENDER HXDRO

2 X HYDROPHOBIC

Incredible Gloss, Double the Hydrophobic Power, 12 Year Warranty

- TPU Based Material
- Protect Car Surface From Stone-Chips, Abrasion & Debris
- Highly Resistant to Swirls/Scratches
- High Clarity & Gloss



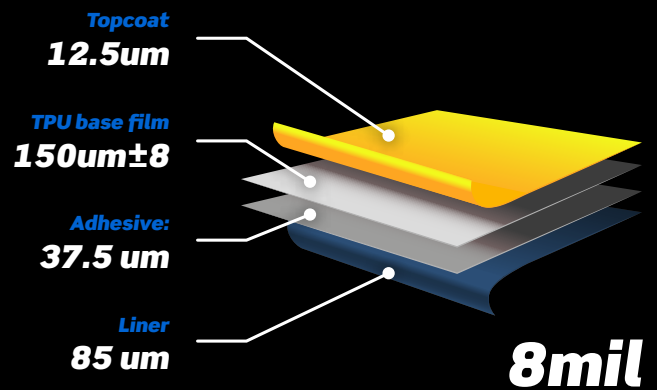
Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
HXDRO	TPU	High Gloss	12yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	7.5mil	16UM	150um±8	23um	85um

Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	120±10min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	0.92

DEFENDER SPF 70

70% VLT tinted sunroof protection film

- Durable TPU based sunroof Protection Film
- Reduces heat by 90%
- Blocks harmful UV rays by 99%



Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
SPF70	TPU	High Gloss	7-10 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352kg/cm	75N/cm	≥110%	110 ≥5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	70%