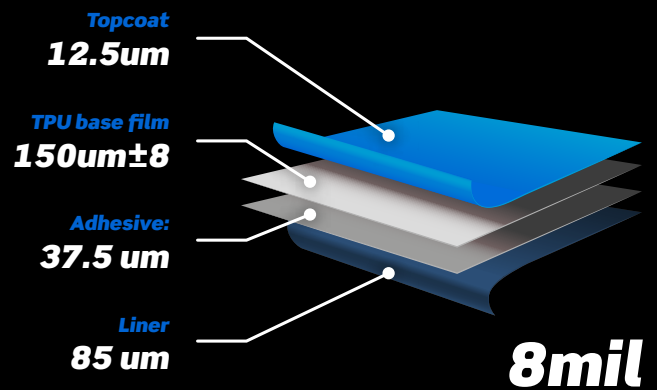


DEFENDER PLATINUM



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

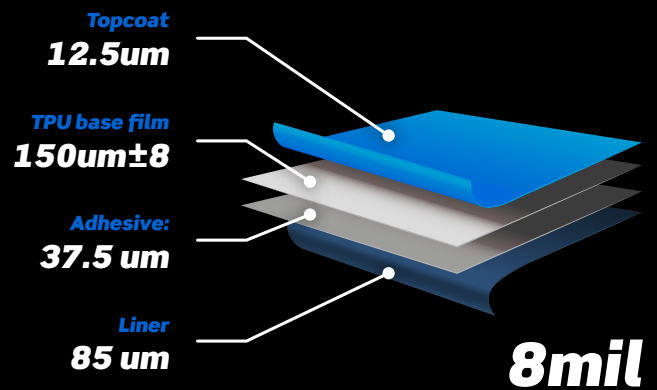


Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
PLATINUM	TPU	High Gloss	Lifetime	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at 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



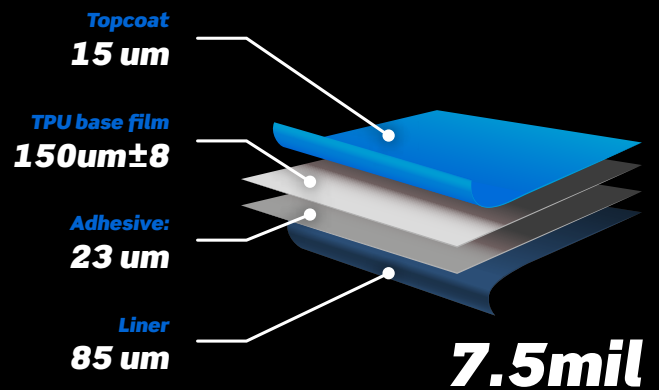
Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
ULTIMATE	TPU	High Gloss	7-10 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM

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

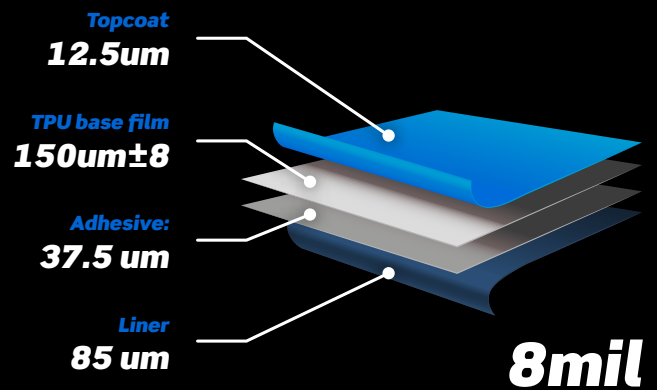


Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
ULTRA	TPU	High Gloss	5-8 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	7.5mil	15	150um±8	23um	85um
Tensile Strength	Peel Strength	Elongation at Break	Maximum 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



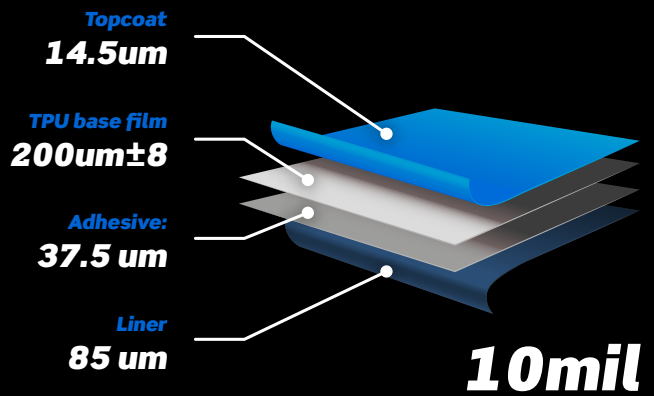
Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
SATIN/MATTE	TPU	Satin/Matte	7-10 yrs	Cracking, Blistering, Delaminating	8 mil	12.5 UM	150um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	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



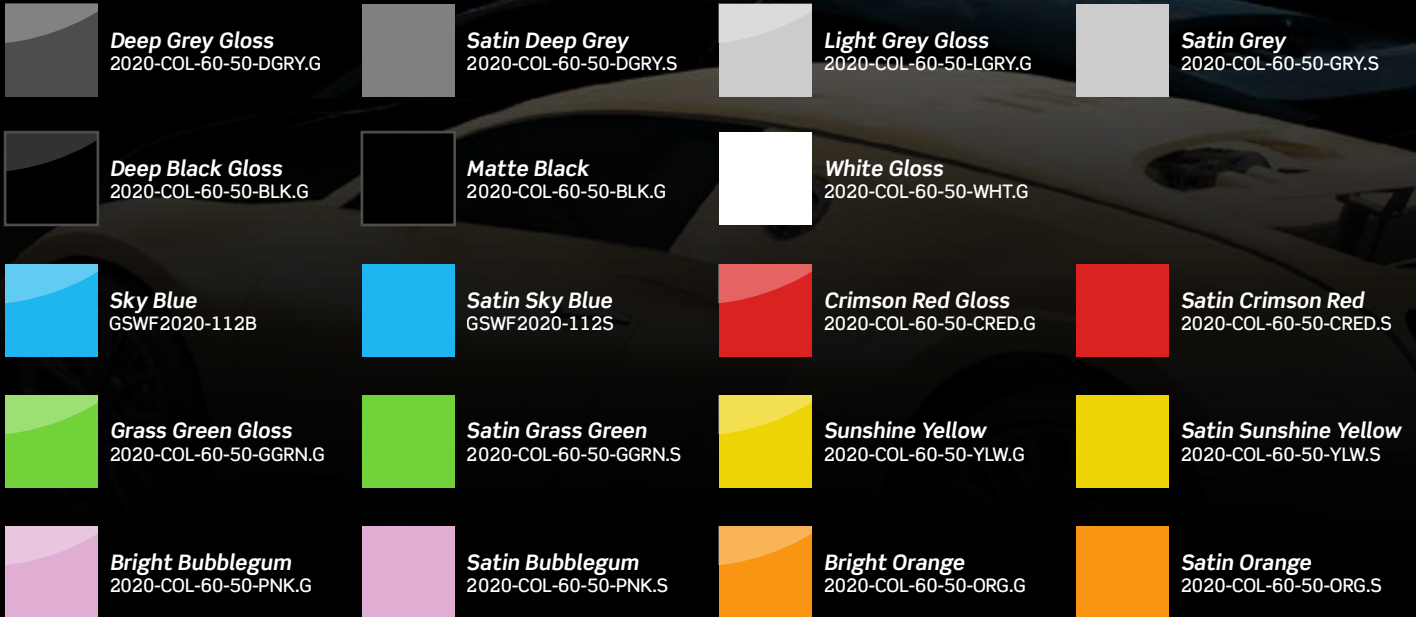
Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
MAX	TPU	High Gloss	7-10 yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	10 mil	14.5 UM	200um±8	37.5 UM	85 UM
Tensile Strength	Peel Strength	Elongation at Break	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

CHROMA GUARD/// INFUSED COLOR PPF

GSWF

WE KNOW PPF
GSWF.COM

The largest line of the most durable color change PPF on earth.



NEW 2021 COLORS



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

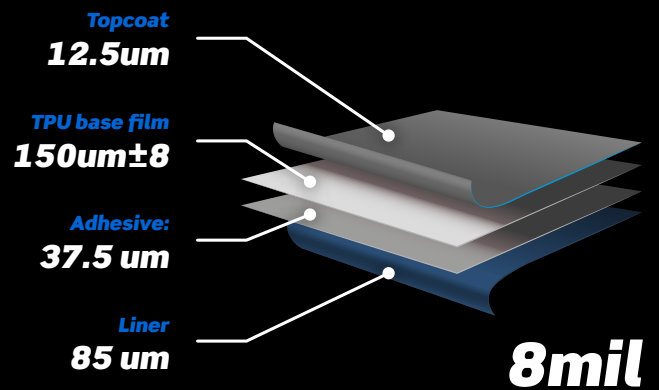
Tensile Strength	Peel Strength	Elongation at Break	Maximum Temperature	Chemical Resistance	Durability	Anti-fouling	Soak Test in Acid and Alkali	Impact Resistance	VLT Visual Light Transmission
352 kg/cm	75 N/cm	≥110%	110 ≥5min	Soap mixture (Pass)	QUV1000H	Strongest Marker (PASS)	oxalate 72_ (Pass)	Pass	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%

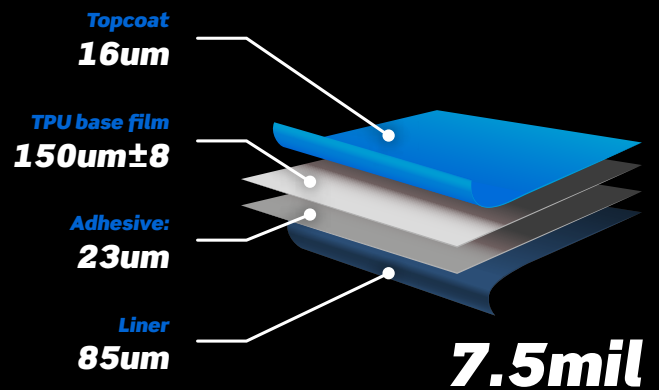


DEFENDER HXDRO

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



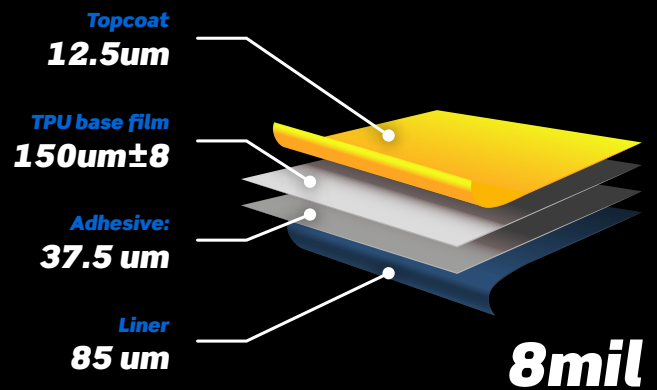
Model	Material	Effect	Warranty	Warranty Coverage	Thickness	Topcoat Thickness	Base Film Thickness	Adhesive Thickness	Liner Thickness
HXDRO	TPU	High Gloss	12yrs	Yellowing, Staining, Cracking, Blistering, Delaminating	7.5mil	16UM	150um±8	23um	85um

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%