



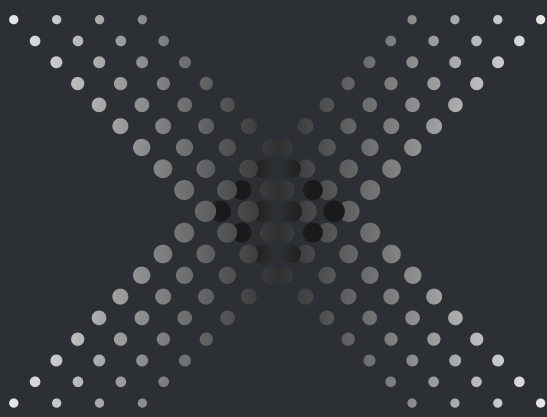
DEFEND X

-Built to Protect

**PAINT
PROTECTION
FILM**



DEFEND X



ECO

190 Micrones



Model Number	TPU A 7.5
Thickness	7.5MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	5 years

210 Micrones



Model Number	TPU A 8.5
Thickness	8.5MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	5 years

250 Micrones



Model Number	TPU A 10
Thickness	10MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

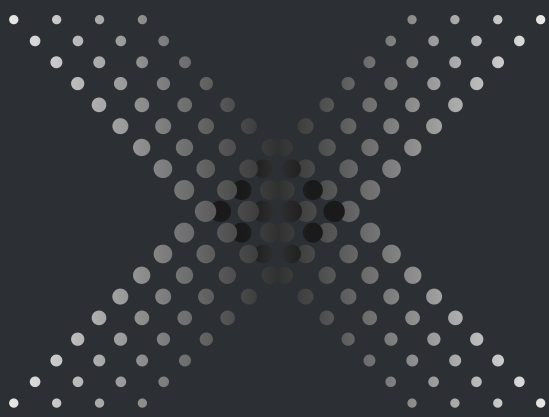
Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	5 years

SPECS:
Self Healing with heat
Semi Hydrophobic





DEFEND X



PRO

190 Micrones



Model Number	TPU X 7.5
Thickness	7.5MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	8 years

210 Micrones



Model Number	TPU X 8.5
Thickness	8.5MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	8 years

250 Micrones



Model Number	TPU X 10
Thickness	10MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	8 years

SPECS:

Self Healing in Sunlight
Super Hydrophobic

Acid rain resistant
High gloss





DEFEND X



LUX

210 Micrones



Model Number	TPU Xi 8.5
Thickness	8.5MIL
Coating	Kaxiu 5599-70025 hydrophilic coating
Degree of haze	0.9
Base Material	Aliphatic polyolactone
Glue	Ashland Aroste 951059
Performance	Resistant to rain spots, yellowing, no hydrolysis

Shore Hardness	85
Density	1.12
Tensile Strength	>63Mpa(TD)>69Mpa(MD)
Elongation at break	>435%(TD)>449Mpa(MD)
Yellow index	0.53
Transmittance of light	91.73
The warranty period	10 years

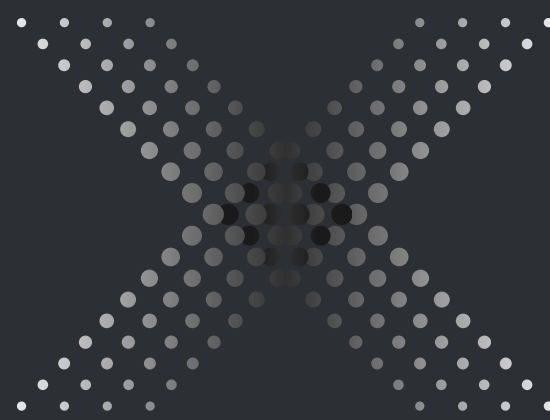
SPECS:

- Self healing : Total self healing
- Super Hydrophobic
- Acid rain resistant
- High gloss





DEFEND X



Why choose DEFEND X ??



Increase
brightness



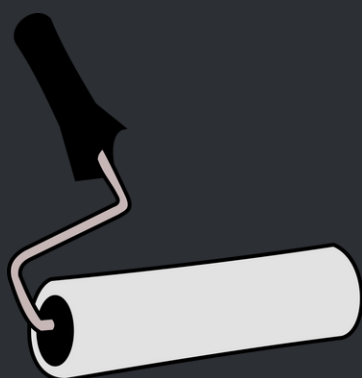
Chemical
corrosion



Insect
carcasses and
bird dropping



Self
healing



No damage
to original
paint



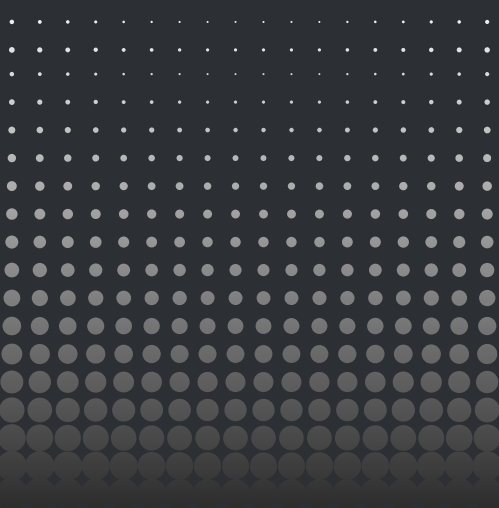
Anti
scratch



Acid rain
resistant

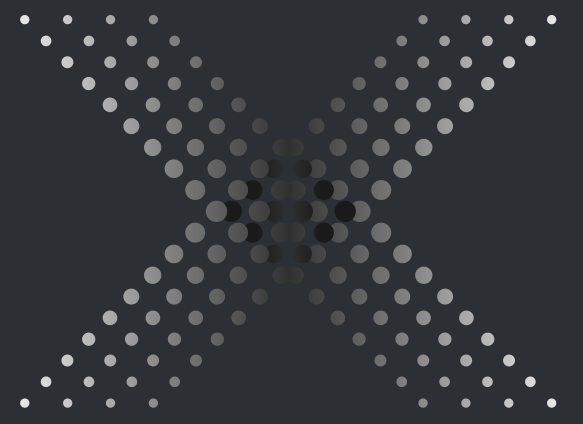


Innocuity and
Environment
friendly





DEFEND X



★ WARRANTY COMMITMENT

We proudly offer **5, 8, and 10-year** warranty options based on the PPF variant. Our warranty ensures the highest quality standards with the following assurances:

✓ **Gloss Retention**

Our glossy films will not lose their shine or luster throughout the warranty period. No fading, dullness, or surface “balding” will occur.

✓ **Anti-Yellowing Guarantee**

The film maintains clarity and will not yellow beyond 5% discoloration under normal usage during the warranty period.

✓ **No Hydrolysis or Cracking**

Our advanced TPU material resists hydrolysis — meaning no brittleness, cracking, or film breakage due to age or weather.

✓ **Zero Residue Guarantee**

Upon removal within the warranty period, the film will not leave glue residue on more than 5% of the painted surface.

✓ **Corrosion-Free Bonding**

Our premium Ashland adhesive does not react chemically with OEM paint. It's safe, non-corrosive, and protects your car's original finish.

