VZN

PRODUCT CATALOGUE / 2026

Driven by design.



Paint protection. Personal expression.

vznvinyl.com

THE VZN COLLECTION

Your car. Your VZN.

Choose a new colour, preserve the original finish, or explore advanced clear-film construction.

Coloured PPF 03

56 colours / 7.5 mil

5-year warranty*

Elite 06

Clear TPU / 8.0 mil

12-year warranty*

Nova PCU 09

Clear PCU / 7.5 mil

10-year warranty*

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Clear TPU / 7.5 mil

7-year warranty*

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Clear TPU / 7.5 mil

5-year warranty*

*VZN warranty terms apply. The technical pages retain the specifications and qualifications in the supplied VZN catalogue.

VZN

PAINT PROTECTION FILM

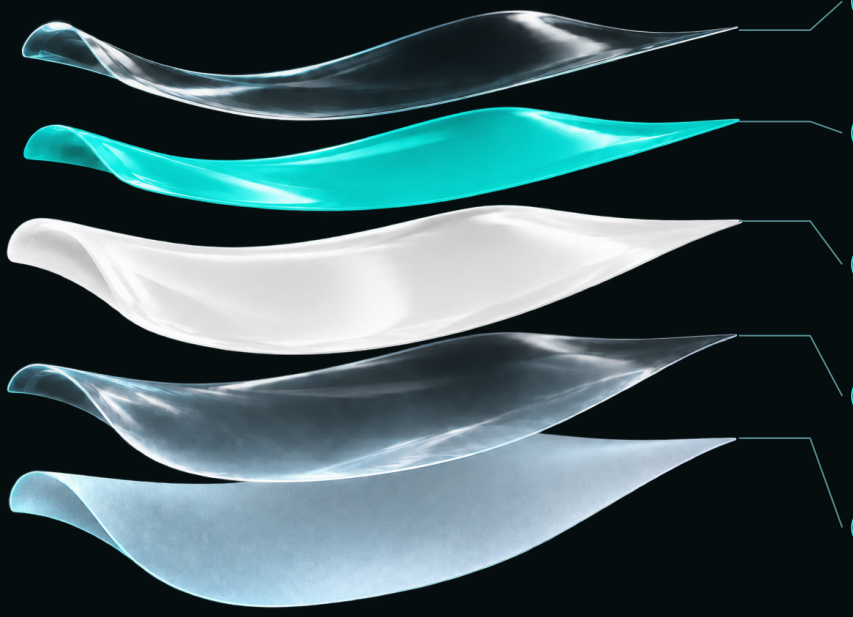
Coloured PPF

Same car. New obsession.



PROTECTION, LAYER BY LAYER

7.5 mil



01 Removable protective film
0.65 mil / 16.51 um

02 VZN Fusion TPU
6.79 mil / 172.47 um

03 Colour layer + white base
part of 6.79 mil

04 Acrylic adhesive
0.71 mil / 18.03 um

05 PET release liner
1.90 mil / 48.26 um

Installed total: 7.5 mil / 190.5 um. Handling film and release liner are removed.
Diagram not to scale.

Performance.

56 colours. Metallic, Ultra Gloss, Shadow, Deep Matte and Chameleon.

SURFACE PERFORMANCE

101.95	10	5
deg	sec	years
Water contact angle	Self-healing with heat	VZN warranty*

94 GU	380%
Gloss at 60 degrees	Elongation at break
ISO 2813	ASTM D882 / 500 mm/min

22 MPa	72 kN/m
Tensile strength	Tear strength
ASTM D882 / 500 mm/min	ASTM D624 / Die C / 500 mm/min

ADHESION / N PER CM

4.5	5.1	7.8
20 minutes / 23 C	24 hours / 23 C	168 hours / 80 C

Contact angle: GB/T 30693. Self-healing: QC/T 1171-2022, within 10 s. Adhesion: PSTC 101 / ASTM D3330. *Warranty terms apply.

Tested in detail.

Weathering, impact and resistance profile.

WEATHERING / GLOSS RETAINED / COLOUR CHANGE

Heat aging 168 h at 80 C / no visible detrimental effect	95%	dE 0.8
Xenon weathering SAE J2527 / 4,500 kJ	88%	dE 1.0
Outdoor / EMMAQUA ASTM G90 or equivalent / 28,000 MJ/m2	93%	dE 0.9

Stone-chip resistance

Pass

No cracking, puncture or delamination observed.

ASTM D3170 / SAE J400
4.73 L gravel / 70 PSI / -29 C

Puncture resistance

17.95 N

1,830.21 gf / 24.85 mm
93.48 MPa reported resistance
QC/T 1171-2022

Chemical resistance

8/8 reported passes

Carburetor cleaner: 60 s. Gasoline, diesel, motor oil, dressing, soap/water, 100% IPA and acetone: 30 min. Appearance assessed after 24 h. No permanent visible detrimental effect reported.

Storage: 22 C / 50% RH

Shelf life: 1 year

VZN

PAINT PROTECTION FILM

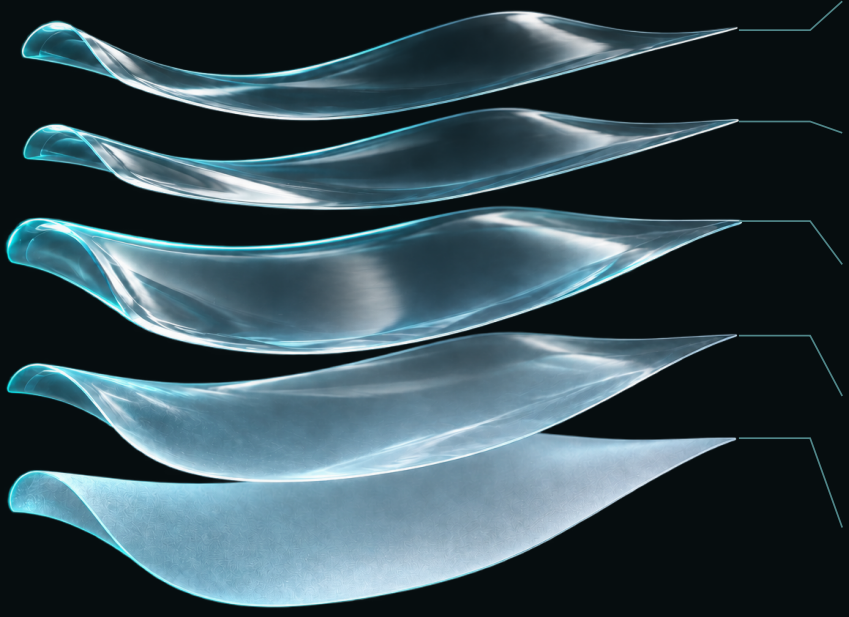
Elite

The original finish. Protected.



PROTECTION, LAYER BY LAYER

8.0 mil



01 Removable protective film
1.50 mil / 38.10 um

02 Surface coating
0.30 mil / 7.62 um

03 TPU protective core
6.70 mil / 170.18 um

04 Adhesive
1.00 mil / 25.40 um

05 Release liner
3.00 mil / 76.20 um

Installed total: 8.0 mil / 203.2 um. Handling film and release liner are removed.
Diagram not to scale.

Performance.

Premium clear PPF. Lubrizol (USA) material system and Ashland (USA) adhesive system.

SURFACE PERFORMANCE

101.95
deg
Water contact angle

10
sec
Self-healing with heat

12
years
VZN warranty*

94 GU
Gloss at 60 degrees
ISO 2813

380%
Elongation at break
ASTM D882 / 500 mm/min

22 MPa
Tensile strength
ASTM D882 / 500 mm/min

72 kN/m
Tear strength
ASTM D624 / Die C / 500 mm/min

ADHESION / N PER CM

4.5
20 minutes / 23 C

5.1
24 hours / 23 C

7.8
168 hours / 80 C

Contact angle: GB/T 30693. Self-healing: QC/T 1171-2022, within 10 s. Adhesion: PSTC 101 / ASTM D3330. *Warranty terms apply.

Tested in detail.

Weathering, impact and resistance profile.

WEATHERING / GLOSS RETAINED / COLOUR CHANGE

Heat aging 168 h at 80 C / no visible detrimental effect	95%	dE 0.8
Xenon weathering SAE J2527 / 4,500 kJ	88%	dE 1.0
Outdoor / EMMAQUA ASTM G90 or equivalent / 28,000 MJ/m2	93%	dE 0.9

Stone-chip resistance

Pass

No cracking, puncture or delamination observed.

ASTM D3170 / SAE J400
4.73 L gravel / 70 PSI / -29 C

Puncture resistance

17.95 N

1,830.21 gf / 24.85 mm
93.48 MPa reported resistance
QC/T 1171-2022

Chemical resistance

8/8 reported passes

Carburetor cleaner: 60 s. Gasoline, diesel, motor oil, dressing, soap/water, 100% IPA and acetone: 30 min. Appearance assessed after 24 h. No permanent visible detrimental effect reported.

Storage: 22 C / 50% RH

Shelf life: 1 year

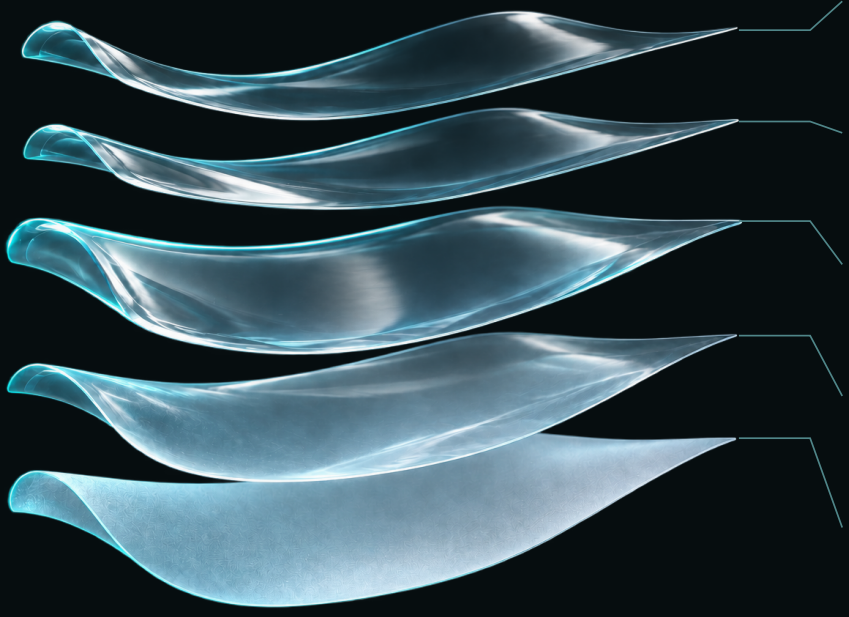
Nova PCU

Softer film. Lasting clarity.



PCU PROTECTION, LAYER BY LAYER

7.5 mil



01 Removable protective film
1.50 mil / 38.10 um

02 Self-healing coat
0.30 mil / 7.62 um

03 PCU protective core
6.20 mil / 157.48 um

04 Acrylic adhesive
1.00 mil / 25.40 um

05 Release liner
3.00 mil / 76.20 um

Installed total: 7.5 mil / 190.5 um. Handling film and release liner are removed.
Diagram not to scale.

PCU performance.

Polycarbonate-based polyurethane (PCU). Soft handling and enhanced yellowing resistance.

ESTIMATED TECHNICAL TARGETS

105	5	10
deg	sec	years
Water contact angle	Self-healing with heat	VZN warranty*

95 GU

Gloss at 60 degrees

ISO 2813

400%

Elongation at break

ASTM D882 / 500 mm/min

20 MPa

Tensile strength

ASTM D882 / 500 mm/min

68 kN/m

Tear strength

ASTM D624 / Die C / 500 mm/min

ADHESION / N PER CM

4.0	4.8	7.2
20 minutes / 23 C	24 hours / 23 C	168 hours / 80 C

Contact angle: GB/T 30693. Self-healing: minor scratches, panel at 60 C. Adhesion: PSTC 101 / ASTM D3330. *Warranty terms apply.

Technical targets.

Weathering, impact and resistance profile.

WEATHERING / GLOSS RETAINED / COLOUR CHANGE

Heat aging 168 h at 80 C	96%	dE 0.6
Xenon weathering SAE J2527 / 1,000 h planned exposure	91%	dE 0.8
UV / condensation ASTM G154 / 1,000 h planned exposure	93%	dE 0.8

Stone-chip resistance

Pass target

Target: No cracking, puncture or delamination.

ASTM D3170 / SAE J400
4.73 L gravel / 70 PSI / -29 C

Puncture resistance

18.0 N

Target peak force
25 mm target displacement
Proposed: QC/T 1171-2022

Chemical resistance

8/8 target passes

Carburetor cleaner: 60 s. Gasoline, diesel, motor oil, dressing, soap/water, 100% IPA and acetone: 30 min. Appearance assessed after 24 h. Target: no permanent visible degradation.

Storage: 22 C / 50% RH

Shelf life: 1 year

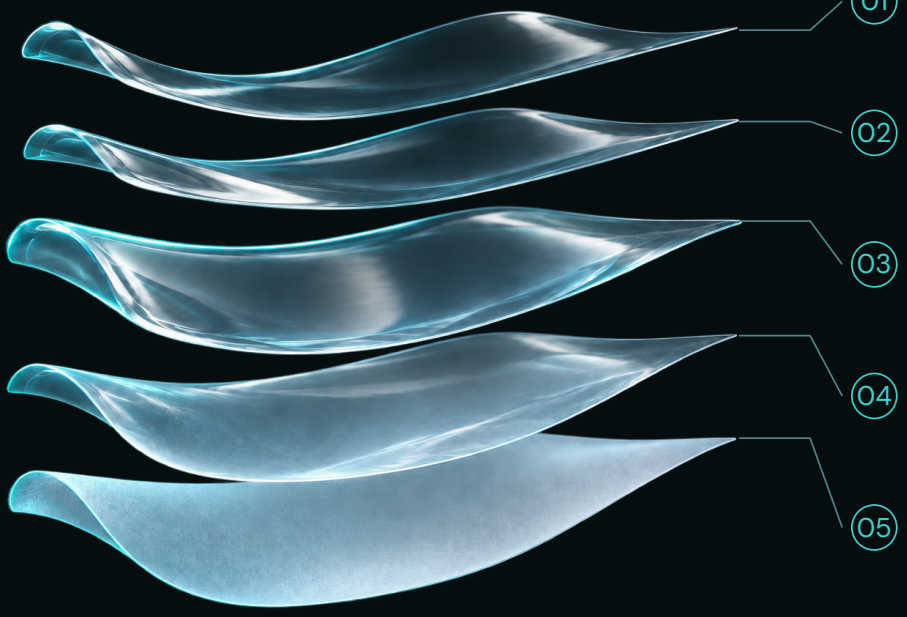
Foundations

Everyday coverage. Original finish.



PROTECTION, LAYER BY LAYER

7.5 mil



01 Removable protective film
1.50 mil / 38.10 um

02 Self-healing coat
0.29 mil / 7.37 um

03 TPU core
6.25 mil / 158.75 um

04 Adhesive
0.96 mil / 24.38 um

05 Release liner
3.00 mil / 76.20 um

Installed total: 7.5 mil / 190.5 um. Handling film and release liner are removed.
Diagram not to scale.

Performance.

High-gloss clear TPU. Covestro TPU material system and Henkel adhesive system. Anti-stretch technology.

SURFACE PERFORMANCE

100.50
deg
Water contact angle

10
sec
Self-healing with heat

7
years
VZN warranty*

91 GU
Gloss at 60 degrees
ISO 2813

330%
Elongation at break
ASTM D882 / 500 mm/min

18 MPa
Tensile strength
ASTM D882 / 500 mm/min

64 kN/m
Tear strength
ASTM D624 / Die C / 500 mm/min

ADHESION / N PER CM

3.8
20 minutes / 23 C

4.4
24 hours / 23 C

6.4
168 hours / 80 C

Contact angle: GB/T 30693. Self-healing: QC/T 1171-2022, within 10 s. Adhesion: PSTC 101 / ASTM D3330. *Warranty terms apply.

Tested in detail.

Weathering, impact and resistance profile.

WEATHERING / GLOSS RETAINED / COLOUR CHANGE

Heat aging 168 h at 80 C / no visible detrimental effect	88%	dE 1.4
Xenon weathering SAE J2527 / 4,500 kJ	78%	dE 1.8
Outdoor / EMMAQUA ASTM G90 or equivalent / 28,000 MJ/m2	86%	dE 1.7

Stone-chip resistance

Pass

No cracking, puncture or delamination observed.

ASTM D3170 / SAE J400
4.73 L gravel / 70 PSI / -29 C

Puncture resistance

18.88 N

1,925.08 gf / 14.74 mm
101.49 MPa reported resistance
QC/T 1171-2022

Chemical resistance

8/8 reported passes

Carburetor cleaner: 60 s. Gasoline, diesel, motor oil, dressing, soap/water, 100% IPA and acetone: 30 min. Appearance assessed after 24 h. No permanent visible detrimental effect reported.

Storage: 22 C / 50% RH

Shelf life: 1 year

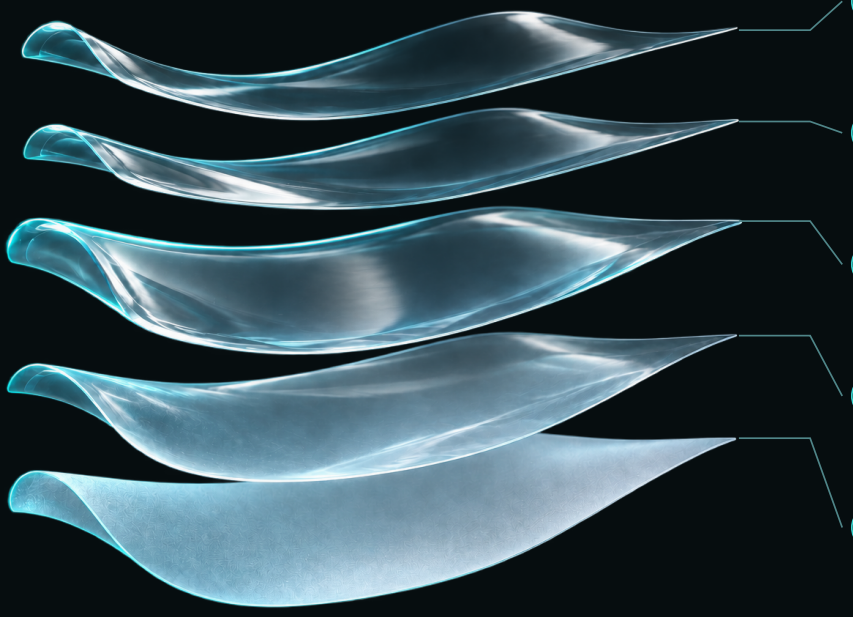
Essentials

Everyday clarity. Lasting protection.



PROTECTION, LAYER BY LAYER

7.5 mil



01 Removable protective film
1.50 mil / 38.10 um

02 Self-healing coat
0.25 mil / 6.35 um

03 TPU protective core
6.25 mil / 158.75 um

04 Acrylic adhesive
1.00 mil / 25.40 um

05 Release liner
3.00 mil / 76.20 um

Installed total: 7.5 mil / 190.5 um. Handling film and release liner are removed.
Diagram not to scale.

Performance.

High-gloss clear aliphatic TPU with an acrylic adhesive system.

ESTIMATED TECHNICAL TARGETS

99
deg
Water contact angle

12
sec
Self-healing with heat

5
years
VZN warranty*

90 GU
Gloss at 60 degrees
ISO 2813

310%
Elongation at break
ASTM D882 / 500 mm/min

17 MPa
Tensile strength
ASTM D882 / 500 mm/min

60 kN/m
Tear strength
ASTM D624 / Die C / 500 mm/min

ADHESION / N PER CM

20 minutes / 23 C	24 hours / 23 C	168 hours / 80 C
3.6	4.2	6.1

Contact angle: GB/T 30693. Self-healing: minor scratches, panel at 60 C. Adhesion: PSTC 101 / ASTM D3330.
*Warranty terms apply.

Technical targets.

Weathering, impact and resistance profile.

WEATHERING / GLOSS RETAINED / COLOUR CHANGE

Heat aging 168 h at 80 C	86%	dE 1.6
Xenon weathering SAE J2527 / 1,000 h planned exposure	76%	dE 2.0
UV / condensation ASTM G154 / 1,000 h planned exposure	83%	dE 1.9

Stone-chip resistance

Pass target

Target: No cracking, puncture or delamination.

ASTM D3170 / SAE J400
4.73 L gravel / 70 PSI / -29 C

Puncture resistance

17.5 N

Target peak force
14 mm target displacement
Proposed: QC/T 1171-2022

Chemical resistance

8/8 target passes

Carburetor cleaner: 60 s. Gasoline, diesel, motor oil, dressing, soap/water, 100% IPA and acetone: 30 min. Appearance assessed after 24 h. Target: no permanent visible degradation.

Storage: 22 C / 50% RH

Shelf life: 1 year

Keep the finish at its best.

01 Give it time.

Follow your installer's curing and first-wash instructions. Avoid picking at edges or trying to correct installation marks yourself.

02 Keep washing gentle.

Use a soft, clean mitt and a film-safe shampoo. Avoid abrasive brushes and keep pressure jets away from film edges.

03 Remove contamination early.

Clean bird droppings, insects and road residue promptly. Ask your installer before using strong solvents or aggressive cleaners.

04 Respect the finish.

For matte film, use matte-safe care products. Avoid polishing or waxes that change the sheen. Leave repair and removal to a professional.

A finish worth fitting well.

Ask your installer to assess the paint, confirm the coverage and finish, and explain the applicable warranty and registration process. PPF helps reduce everyday wear; it does not prevent every impact or deep scratch.

TECHNICAL NOTES

Coloured PPF

7.5 mil installed thickness excludes the removable protective film and PET liner. Elite test results applied as specified by VZN; gloss varies by finish. Results apply to the reported test conditions.

Elite

8.0 mil nominal installed thickness. Removable protective film and release liner are excluded. PROMAX and supplied QC results are reproduced as reported. Results apply to the reported test conditions.

Nova PCU

Estimated technical targets, not measured test results. Validate against the supplier TDS and product testing. 7.5 mil nominal installed thickness. Warranty term specified by VZN; performance values are indicative.

Foundations

7.5 mil installed thickness excludes the removable protective film and release liner. ARES and supplied QC results are reproduced as reported. Results apply to the reported test conditions.

Essentials

Estimated technical targets, not measured test results. Validate against the supplier TDS and product testing. 7.5 mil nominal installed thickness. Warranty term specified by VZN; performance values are indicative.

VZN

THE VZN COLLECTION

Make it yours.
Keep it protected.



Explore the range.

vznvinyl.com

COLOURED PPF / ELITE / NOVA PCU / FOUNDATIONS / ESSENTIALS