



## **PWF — Precision. Wrap. Freedom.**

PWF is a leading Russian automotive film brand dedicated to redefining vehicle aesthetics and protection. Combining advanced TPU technology with European design concepts, PWF films deliver exceptional gloss, durability, and stretchability — ensuring perfect installation and long-lasting beauty. From sleek transparent protection to bold color transformations, PWF helps every driver express

**“Protect with Style. Drive with PWF.”**





# PAINT PROTECTION FILM

## Ashland Adhesive Technology

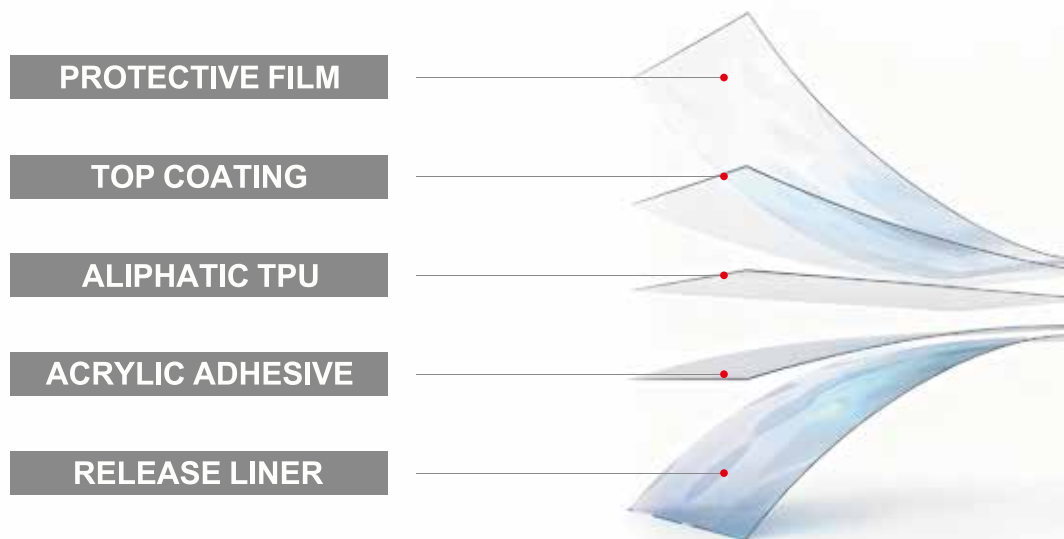
With Ashland high-performance adhesive, PWF achieves ultra-strong adhesion and long-term stability. It bonds firmly without lifting or leaving residue, adapts to temperature changes, and remains eco-friendly—offering seamless protection and easy removal when needed.

## Cashew Coating Technology

PWF adopts advanced Cashew coating, delivering exceptional waterproof, anti-corrosion, and self-healing performance. Its powerful anti-oxidation layer acts as a long-lasting shield, preserving your vehicle's finish with a showroom-level gloss for years.

## Anti-yellowing Patented TPU Base Material

Built on PWF's exclusive anti-yellowing TPU formula, this base material ensures excellent clarity, elasticity, and resistance to aging. It prevents discoloration and oxidation over time, keeping your car's paint fresh, smooth, and brilliant under any condition.



# PWF



# LUBRIZOL PREMIUM

Model:

**LUBRIZOL PREMIUM**

Total Thickness:

**8.5mil**

Color:

**Transparent**

Material:

**Lubrizol TPU**

Glue:

**Ashland**

Function:

**Hydrophilic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>24Mpa**

Elongation At Break:

**≥385%**

Tear Strength:

**47N**

Anti Yellowing:

**$\Delta E < 1.6$**

Temperature Resistance:

**-40°C-130°C**

# PWF



# PG PRO PLUS

Model:

**PG PRO PLUS**

Total Thickness:

**8.5mil**

Color:

**Transparent**

Material:

**Covestro TPU**

Glue:

**Ashland**

Function:

**Hydrophobic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>25Mpa**

Elongation At Break:

**≥385%**

Tear Strength:

**45N**

Anti Yellowing:

**ΔE < 1.8**

Temperature Resistance:

**-40°C-110°C**

# PWF



# PG PRO

Model:

**PG PRO**

Total Thickness:

**7.5mil**

Color:

**Transparent**

Material:

**Covestro TPU**

Glue:

**Ashland**

Function:

**Hydrophobic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>25Mpa**

Elongation At Break:

**≥355%**

Tear Strength:

**42N**

Anti Yellowing:

**$\Delta E < 1.8$**

Temperature Resistance:

**-40°C-110°C**



# PGM PRO MATTE

Model:

**PGM PRO MATTE**

Total Thickness:

**7.5mil**

Color:

**Matte**

Material:

**Covestro TPU**

Glue:

**Ashland**

Function:

**Hydrophobic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>23Mpa**

Elongation At Break:

**≥330%**

Tear Strength:

**42N**

Anti Yellowing:

**$\Delta E < 1.8$**

Temperature Resistance:

**-40°C-110°C**

# PWF



# PGMS PRO SATIN

Model:

**PGMS PRO SATIN**

Total Thickness:

**7.5mil**

Color:

**Satin**

Material:

**Covestro TPU**

Glue:

**Ashland**

Function:

**Hydrophobic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>23Mpa**

Elongation At Break:

**≥330%**

Tear Strength:

**42N**

Anti Yellowing:

**$\Delta E < 1.8$**

Temperature Resistance:

**-40°C-110°C**



# CLEAR ECO PLUS

Model:

**CLEAR ECO PLUS**

Total Thickness:

**8.5mil**

Color:

**Transparent**

Material:

**WanHua TPU**

Glue:

**LINGGU**

Function:

**Hydrophilic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>24Mpa**

Elongation At Break:

**≥330%**

Tear Strength:

**42N**

Anti Yellowing:

**ΔE < 2**

Temperature Resistance:

**-40°C-110°C**



# CLEAR ECO

Model:

**CLEAR ECO**

Total Thickness:

**7.5mil**

Color:

**Transparent**

Material:

**WanHua TPU**

Glue:

**LINGGU**

Function:

**Hydrophobic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>22Mpa**

Elongation At Break:

**≥330%**

Tear Strength:

**40N**

Anti Yellowing:

**$\Delta E < 2$**

Temperature Resistance:

**-40°C-110°C**

# PWF



# CLEAR ECO SOFT

|                       |                  |                    |
|-----------------------|------------------|--------------------|
| Model:                | Total Thickness: | Color:             |
| <b>CLEAR ECO SOFT</b> | <b>6.5mil</b>    | <b>Transparent</b> |

|                    |              |                         |             |
|--------------------|--------------|-------------------------|-------------|
| Material:          | WanHua TPU   | Tensile Strength:       | >22Mpa      |
| Glue:              | LINGGU       | Elongation At Break:    | ≥300%       |
| Function:          | Hydrophobic  | Tear Strength:          | 40N         |
| Self-Healing type: | Heat healing | Anti Yellowing:         | ΔE < 2      |
| Size:              | 1.52*15m     | Temperature Resistance: | -40°C-110°C |

# PWF



## TPU CARBON FIBER BRIGHT

Total Thickness:

**7.5mil**

Color:

**Carbon**

Model: **TPU Carbon Fiber Bright**

Material: **Lubrizol TPU**

Glue: **Ashland**

Function:

Self-Healing type:

Size:

**Hydrophobic**

**Heat healing**

**1.52\*15m**



# C-GB GLOSSY BLACK

Model:

**C-GB/Glossy Black**

Total Thickness:

**7.5mil**

Color:

**Glossy Black**

Material:

**Covestro TPU**

Glue:

**Ashland**

Function:

**Hydrophilic**

Self-Healing type:

**Heat healing**

Size:

**1.52\*15m**

Tensile Strength:

**>23Mpa**

Elongation At Break:

**≥330%**

Tear Strength:

**42N**

Anti Yellowing:

**$\Delta E < 1.8$**

Temperature Resistance:

**-40°C-110°C**



# C-MAB MATTE BLACK

Model:

Total Thickness:

Color:

**C-MAB/Matte Black**

**7.5mil**

**Matte Black**

|                    |                     |
|--------------------|---------------------|
| Material:          | <b>Covestro TPU</b> |
| Glue:              | <b>Ashland</b>      |
| Function:          | <b>Hydrophobic</b>  |
| Self-Healing type: | <b>Heat healing</b> |
| Size:              | <b>1.52*15m</b>     |

|                         |                    |
|-------------------------|--------------------|
| Tensile Strength:       | <b>&gt;23Mpa</b>   |
| Elongation At Break:    | <b>≥330%</b>       |
| Tear Strength:          | <b>42N</b>         |
| Anti Yellowing:         | <b>ΔE &lt; 1.8</b> |
| Temperature Resistance: | <b>-40°C-110°C</b> |

# PWF



# HEADLIGHTS 35% VLT

Total Thickness:

**7.5mil**

Color:

**Black**

Model:

**Headlights 35% VLT**

Function:

**Hydrophilic**

Material:

**Covestro TPU**

Self-Healing type:

**Heat healing**

Glue:

**Ashland**

Size:

**0.610\*15m/0.305\*15m**

# PWF



# HEADLIGHTS 50% VLT

Total Thickness:

**7.5mil**

Color:

**Stone Grey**

Model:

**Headlights 50% VLT**

Function:

**Hydrophilic**

Material:

**Covestro TPU**

Self-Healing type:

**Heat healing**

Glue:

**Ashland**

Size:

**0.610\*15m/0.305\*15m**

MODEL: **T02**

|            |      |       |     |
|------------|------|-------|-----|
| THICKNESS: | 2mil | TSER: | 73% |
| VLT:       | 2%   | UVR:  | 99% |
| VLR:       | 6%   | IRR:  | 96% |

MODEL: **T05**

|            |      |       |     |
|------------|------|-------|-----|
| THICKNESS: | 2mil | TSER: | 71% |
| VLT:       | 5%   | UVR:  | 99% |
| VLR:       | 6%   | IRR:  | 95% |





MODEL: **T15**

|            |      |       |     |
|------------|------|-------|-----|
| THICKNESS: | 2mil | TSER: | 69% |
| VLT:       | 15%  | UVR:  | 99% |
| VLR:       | 6%   | IRR:  | 94% |

MODEL: **T25**

|            |      |       |     |
|------------|------|-------|-----|
| THICKNESS: | 2mil | TSER: | 67% |
| VLT:       | 25%  | UVR:  | 99% |
| VLR:       | 6%   | IRR:  | 90% |



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## MODEL: **T35**

|            |             |       |            |
|------------|-------------|-------|------------|
| THICKNESS: | <b>2mil</b> | TSER: | <b>65%</b> |
| VLT:       | <b>35%</b>  | UVR:  | <b>99%</b> |
| VLR:       | <b>6%</b>   | IRR:  | <b>94%</b> |

## MODEL: **T50**

|            |             |       |            |
|------------|-------------|-------|------------|
| THICKNESS: | <b>2mil</b> | TSER: | <b>59%</b> |
| VLT:       | <b>50%</b>  | UVR:  | <b>99%</b> |
| VLR:       | <b>6%</b>   | IRR:  | <b>90%</b> |



PROFESSIONAL WINDOW FILM



MODEL: **IR 7590**

|            |      |       |     |
|------------|------|-------|-----|
| THICKNESS: | 2mil | TSER: | 50% |
| VLT:       | 73%  | UVR:  | 99% |
| VLR:       | 10%  | IRR:  | 94% |





# ARCHITECTURAL FILM

## Model : 4mil

|                            |             |
|----------------------------|-------------|
| Thickness                  | 4mil        |
| Tensile Strength           | 25, 000 psi |
| Peel strength              | 0.12Mpa     |
| Elongation at Break        | >125%       |
| Visible Light Transmission | ≈87         |

## Model : 8mil

|                            |             |
|----------------------------|-------------|
| Thickness                  | 8mil        |
| Tensile Strength           | 25, 000 psi |
| Peel strength              | 0.18Mpa     |
| Elongation at Break        | >125%       |
| Visible Light Transmission | ≈86         |

## Model : 12mil

|                            |             |
|----------------------------|-------------|
| Thickness                  | 12mil       |
| Tensile Strength           | 25, 000 psi |
| Peel strength              | 0.24Mpa     |
| Elongation at Break        | >128%       |
| Visible Light Transmission | ≈85.5       |

## Model : R Silver 15%

|           |      |
|-----------|------|
| Thickness | 2mil |
| VLT / %   | 21.1 |
| IRR / %   | 89.0 |
| UVR / %   | 67.2 |