GYEON®

PROTECT+ PAINT PROTECTION FILM

TECHNICAL DATA SHEET

GYEON PPF PROTECT+ is a highly resistant paint protection film designed to provide excellent protection against environmental and mechanical impact for its entire life cycle. The film has been designed and fine-tuned specifically for markets with heavy rainfalls and atmospherical contamination (acid rain). Protect+ features great self-cleaning and self-healing properties, outstanding hydrophobicity, and a unique pressure-sensitive adhesive layer (PSA) that allows easy repositioning, good adhesion, and easy installation.

KEY PROPERTIES

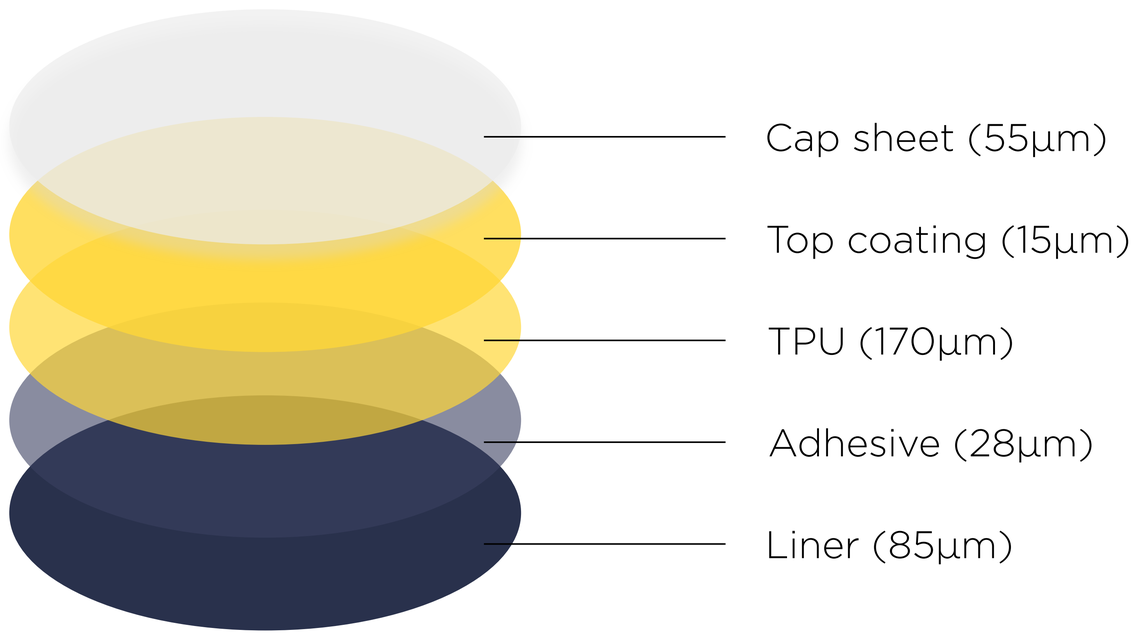
- Chemical Resistance
- Watermark Resistance
- Self-Healing
- Hydrophobic
- Very Low Structure

FILM MATERIAL

PPF Protect+ film is a high-quality, polycaprolactone-based aliphatic TPU film. Extremely resistant to yellowing and UV exposure. Outstanding resistance to chemicals matched with great slickness and durable hydrophobicity. The film is designed to be applied on all types of vehicles.

INFINITE WARRANTY

or 10 years with advised self maintenance



KEY PROPERTIES

Thickness	213µm
Gloss Value	>94GU at 60° angle
Water contact angle	>103° (DL/T864)
Elongation at Break	>280% (GB/T 1040.1)
Yellowness Index	<2 (QUV)

ADHESIVE PROPERTIES

- High Initial Tack
- Repositionable High Performance
- Non-Yellowing
- Pressure Sensitive Adhesive

GYEON®

HYBRID PAINT PROTECTION FILM

TECHNICAL DATA SHEET

GYEON PPF HYBRID combines the best features known from Protect+ (gloss, structure) with the ease of application (famous with Enhance) and its special feature – instant self-healing in even very low temperatures. With its unique pressure-sensitive adhesive, HYBRID has a medium initial tack, allowing repositioning with a lower risk of marking. It shares the same TPU as Protect+ but has an innovative top-coat technology that combines long-lasting hydrophobic & chemical resistance properties.

KEY PROPERTIES

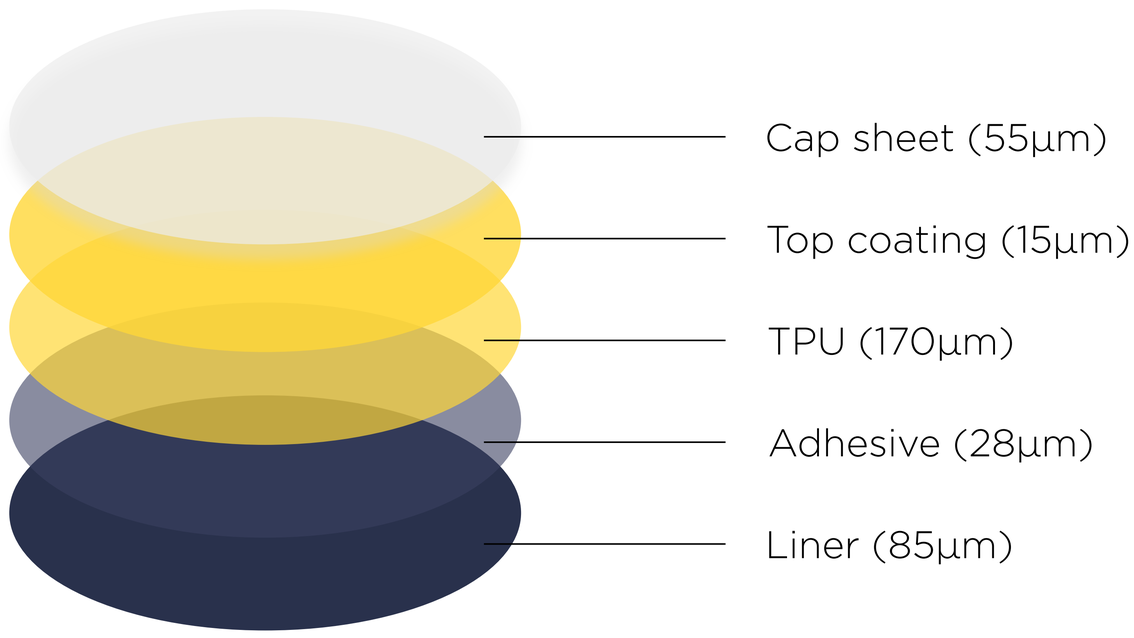
- Instant Self-Healing
- Chemical Resistance
- Medium Tack
- Hydrophobic
- Low Structure

FILM MATERIAL

PPF HYBRID film is a high-quality, polycaprolactone-based aliphatic TPU film. Extremely resistant to yellowing and UV exposure. Outstanding resistance to chemicals matched with great slickness and durable hydrophobicity. The film is designed to be applied on all types of vehicles.

INFINITE WARRANTY

or 10 years with advised self maintenance



KEY PROPERTIES

Thickness	213µm
Gloss Value	>92GU at 60° angle
Water contact angle	>103° (DL/T864)
Elongation at Break	>300% (GB/T 1040.1)
Yellowness Index	<2 (QUV)

ADHESIVE PROPERTIES

- Medium Initial Tack
- Repositionable High Performance
- Non-Yellowing
- Pressure Sensitive Adhesive

GYEON®

ENHANCE PHOBIC PAINT PROTECTION FILM

TECHNICAL DATA SHEET

GYEON PPF ENHANCE PHOBIC is a paint protection film designed to provide excellent protection against mechanical impact with great ease of use for the installer and outstanding gloss for the user. It features great self-cleaning and self-healing properties with a durable hydrophobic topcoat. The unique pressure-sensitive adhesive layer (PSA) allows easy repositioning, good adhesion and easy installation.

KEY PROPERTIES

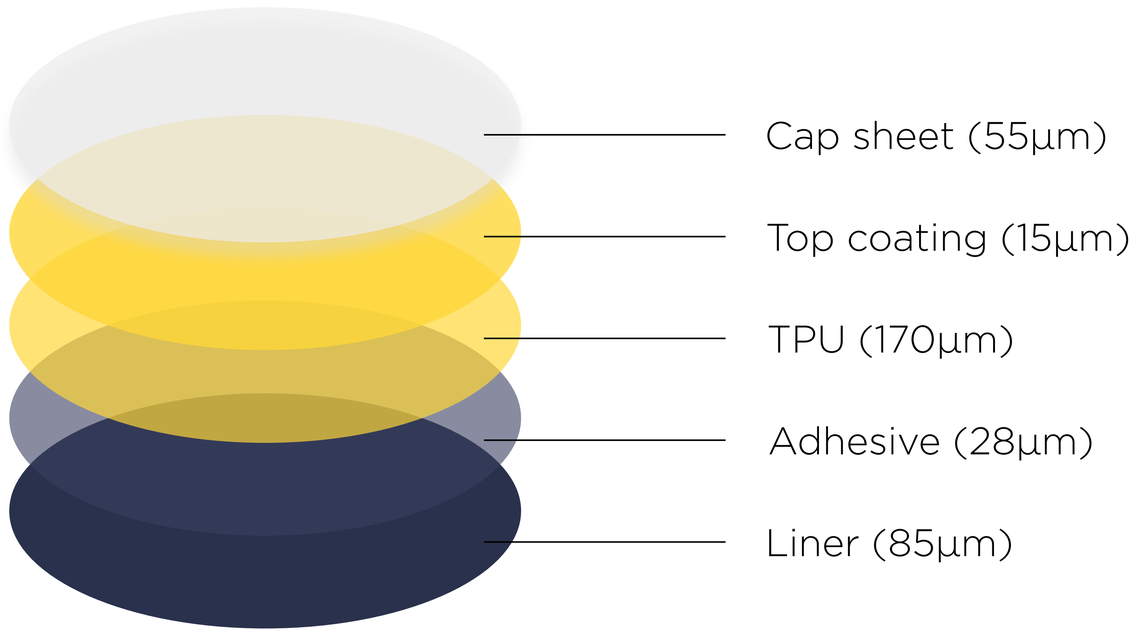
- Gloss
- Anti-fouling
- Self-Healing
- Hydrophobic
- Slick

FILM MATERIAL

PPF ENHANCE PHOBIC film is a high-quality, polycaprolactone-based aliphatic TPU film.
Extremely malleable and resistant to yellowing and UV exposure. Thanks to is specific adhesive, it allows repositioning of the material with low marking.
The film is designed to be applied to all types of vehicles.

INFINITE WARRANTY

or 7 years with advised self maintenance



KEY PROPERTIES

Thickness	213µm
Gloss Value	>92GU at 60° angle
Water contact angle	>103° (DL/T864)
Elongation at Break	>300% (GB/T 1040.1)
Yellowness Index	<2 (QUV)

ADHESIVE PROPERTIES

- Medium Initial Tack
- Repositionable High Performance
- Non-Yellowing
- Pressure Sensitive Adhesive

GYEON®

ENHANCE PHILIC PAINT PROTECTION FILM

TECHNICAL DATA SHEET

GYEON PPF ENHANCE PHILIC is a paint protection film designed to provide excellent protection against mechanical impact with great ease of use for the installer and outstanding gloss for the user. It features great self-cleaning and self-healing properties thanks to its hydrophilic topcoat. This allows this film to receive any high-quality coating added to it with proper bonding. The unique pressure-sensitive adhesive layer (PSA) allows easy repositioning, good adhesion and easy installation.

KEY PROPERTIES

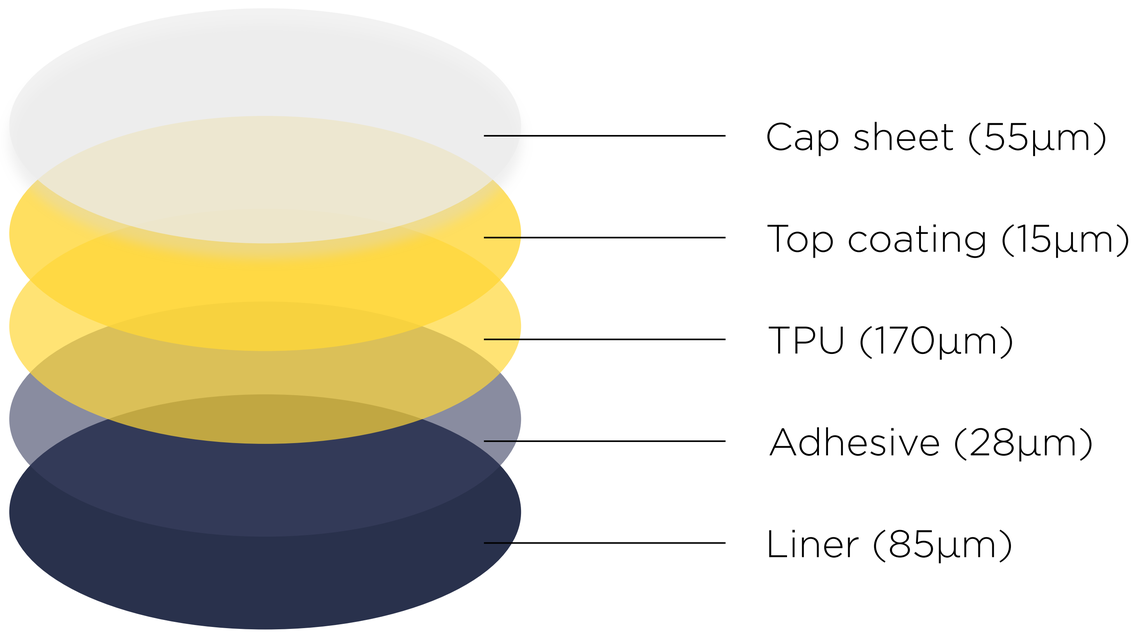
- Gloss
- Anti-fouling
- Self-Healing
- Hydrophilic
- Slick

FILM MATERIAL

PPF ENHANCE PHILIC film is a high-quality, polycaprolactone-based aliphatic TPU film.
Extremely malleable and resistant to yellowing and UV exposure. Thanks to is specific adhesive, it allows repositioning of the material with low marking.
The film is designed to be applied to all types of vehicles.

INFINITE WARRANTY

or 7 years with advised self maintenance



KEY PROPERTIES

Thickness	213µm
Gloss Value	>92GU at 60° angle
Water contact angle	>80° (DL/T864)
Elongation at Break	>300% (GB/T 1040.1)
Yellowness Index	<2 (QUV)

ADHESIVE PROPERTIES

- Medium Initial Tack
- Repositionable High Performance
- Non-Yellowing
- Pressure Sensitive Adhesive

GYEON®

CARBON PAINT PROTECTION FILM

TECHNICAL DATA SHEET

GYEON PPF CARBON is a paint protection film designed to provide excellent protection against environmental and mechanical impact for its entire life cycle with extremely realistic carbon weaves. The film shares the same technicalities as the GYEON ENHANCE film. It features great self-cleaning and self-healing properties matched with outstanding hydrophobicity. The Unique Pressure pressure-sensitive adhesive layer (PSA) allows easy repositioning, good adhesion and easy installation.

KEY PROPERTIES

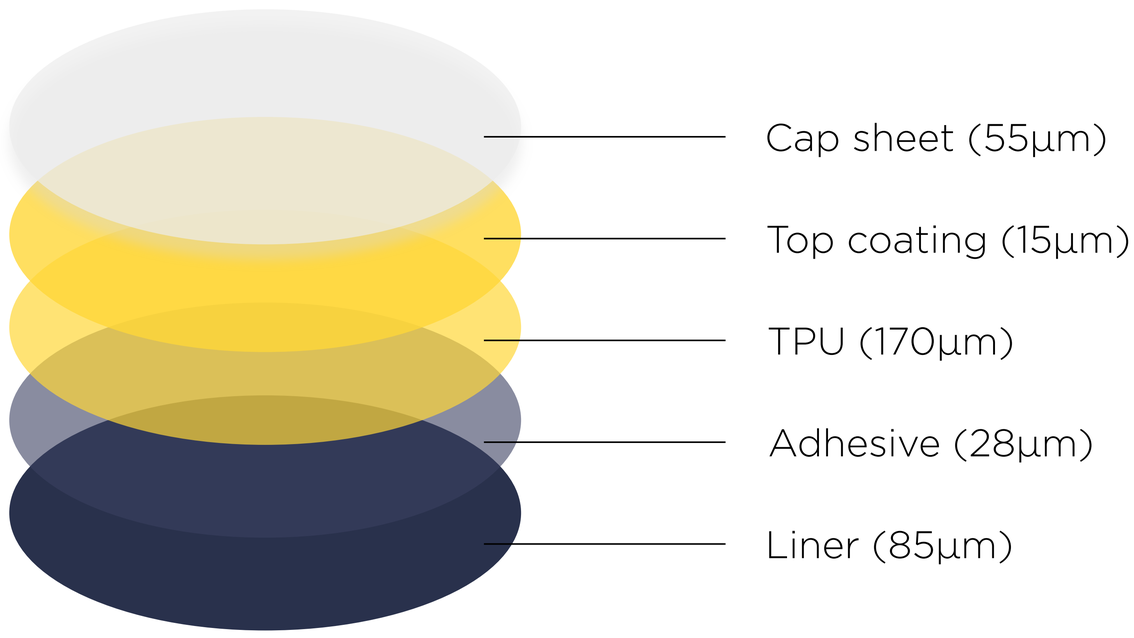
- Chemical Resistance
- Watermark Resistance
- Self-Healing
- Hydrophobic
- Slick

FILM MATERIAL

PPF CARBON film is a high-quality, polycaprolactone-based aliphatic TPU film. Extremely resistant to yellowing and UV exposure. Outstanding resistance to chemicals matched with great slickness and durable hydrophobicity. The film is designed to be applied to all types of vehicles.

INFINITE WARRANTY

or 5 years with advised self maintenance



KEY PROPERTIES

Thickness	213µm
Gloss Value	>92GU at 60° angle
Water contact angle	>90° (DL/T864)
Elongation at Break	>200% (GB/T 1040.1)
Yellowness Index	<2 (QUV)

ADHESIVE PROPERTIES

- High Initial Tack
- Repositionable High Performance
- Non-Yellowing
- Pressure Sensitive Adhesive