Technical Data Sheet

Paint Protection Film

ULTRAFIT™

XP CRYSTAL

Information

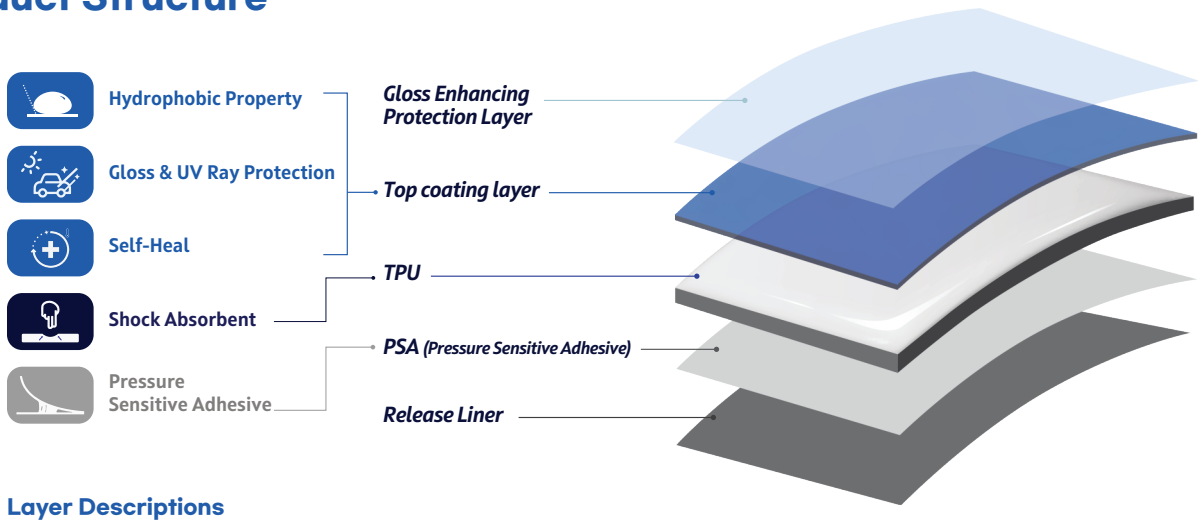
ULTRAFIT XP CRYSTAL is a high performance, self-adhesive, hydrophobic polyurethane film designed to protect automotive paint from harmful effects of stone chips and abrasion. It is engineered with Nano Ceramic Technology , creating an ultra-hydrophobic surface, ideal for repelling dust and liquids

Recommended Shelf Life 2 years from date of purchase*
Recommended Storage Conditions 72℉ (22℃) @ 50% RH

Characteristics

- Clear Gloss
- Hydrophobicity
- Shock absorbent
- Self-Heal

Product Structure



Layer Descriptions

TPU High-clarity and impact-resistance **Product Thickness** 8mil

PROPERTIES		TYPICAL VALUES	STANDARD
Peel Adhesion		1.7 ± 0.4 kg/in² (30 min)	ASTM D3330
		2.2 ± 0.5 kg/in² (1 hr)	
Gloss		>90 ± 2	ISO 2813
Haze		<1 ± 0.1%	ASTM D-1003
Tensile Strength		6,500 ± 500 psi	ASTM D-412
		44.8 ± 4.4 MPa	
Elongation		>150	ASTM D-412
Durability		ΔE ≤ 2 (1,000 hr)	ASTM G154
Q-UV	UVA Bulb	<1%	8 hours 50℃ UV exposure
		<1%	4 hours 60℃ condensation

* If installing film after recommended shelf-life, re-certification by ULTRAFIT is required.

Notice

The performance representations and suitability for use described in this Technical Data Sheet are intended as a guide only. Since the specific conditions of product use are known only to the user, it is the user's responsibility to determine whether the product is suitable its intended application.