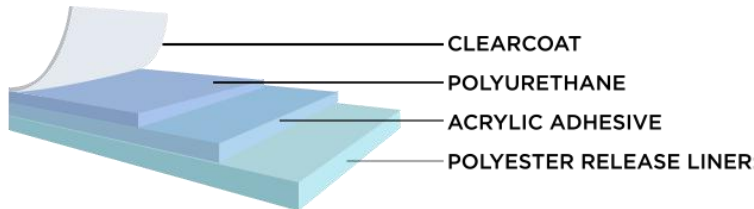




FILM MATERIAL

This film is a polycaprolactone based, aliphatic TPU (thermal polyurethane) film. It is a low gel, non yellowing, UV-resistant film used in a wide range of outdoor exposed vehicle protection applications.

FILM STRUCTURE



PHYSICAL PROPERTIES

SPECIFICATION

Series	Diamond series
Material	Lubrizol TPU
Adhesive	Ashland
Total thickness	9.5mil±0.005mm
Top coating	0.5mil
Base film	8 mil
Adhesive coating	1 mil
Adhesive Strength (Peel Strength)	95oz/in
Tensile Strength	9200 psi
Tear Strength	575pli
Anti gravel performance	SAE J400 Crusher Simulation System Pass
Elogation at break	>330%
Maximum temperature	105°C
Wear resistance	Taber abrasion test one million times No wear and tear
Chemical resistance	Isopropanol test No damage Ethane / toluene test No damage
Weathering properties	QUV 1000h No damage
Thermal effect	70°C No damage
Features	High optical clarity - Super toughness - Durable, Self-healing - Safely removable, no adhesive residual

ADHESIVE PROPERTIES

Removable, repositionable, non-yellowing, crystal-clear high performance acrylic adhesive