

Global Paint Protection Film: Technical Data Sheet

Global PPF is specially formulated paint protection film consists of high performance Pressure sensitive adhesive, ultra clear TPU film and unique self healing coating to protect automotive paint surfaces, from harmful effects of stone chips and abrasion.

Product Construction:



Key Features:

- ✓ Excellent optical clarity
 - ✓ Excellent stain resistance
 - ✓ Self healing property
 - ✓ Hydrophobic
 - ✓ Anti yellowing
 - ✓ Excellent chemical resistance
 - ✓ Easy for installation on curved surfaces
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Performance Properties:

Sr. No.	Properties	Testing Standards	Measurement Unit	Typical Values
Mechanical Properties				
1	Peel strength: 20 min @24°C	FTM 01	kg/in	> 0.8 kg/ inch
2	Peel strength: 72 Hrs @24°C	FTM 01	kg/in	> 1.2 kg/ inch
3	Gloss at 60°	ASTM D-2457	%	> 85%
4	Tensile Strength	ASTM D-882	Mpa	>20
5	Elongation	ASTM D-882	%	>250
Aging Performance				
6	Heat ageing 80° C/ 16 Days	Internal	-	Pass- No Detrimental Effect
7	Water immersion	400 hrs at 40°C	-	Pass- No Detrimental Effect
Stain Resistance				
a	Water and soap resistance	Immerse for 10 min	-	Pass- No Detrimental Effect
b	Battery acid	Immerse for 10 min	-	Pass- No Detrimental Effect
c	Diesel	Immerse for 10 min	-	Pass- No Detrimental Effect
d	SAE Motor oil	Immerse for 10 min	-	Pass- No Detrimental Effect
e	Hydraulic oil	Immerse for 10 min	-	Pass- No Detrimental Effect

Application Conditions:

Vehicles surface and ambient air temperature should be between 20°C to 30°C. Application should be done in a dust free area and away from direct sunlight.

Storage Condition:

The Shelf life of this film is one year when stored in its original packaging at the temperature ranging from 18 to 26 ° C and Relative Humidity 50 to 60 %.