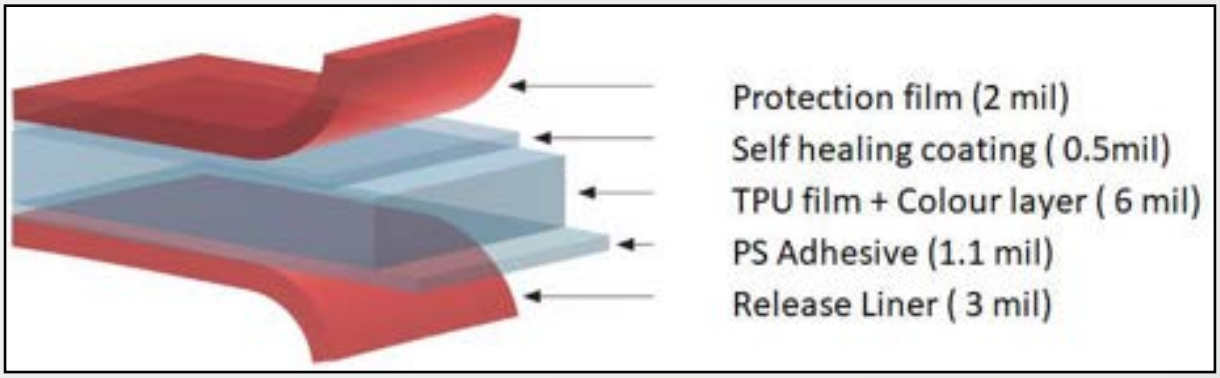
Technical Data Sheet
COLOUR PPF

Colour PPF is manufactured by unique long lasting specialised colour technology with self-healing coating for scratch resistance and easy cleaning.
This film is designed for automotive painted vehicle surfaces to give best aesthetic looks as per choice.

Product Construction:



Nominal Thickness (TPU + PSA + SH Caoting): 190 + 10%

- Excellent Film Gloss
- Excellent anti scratch property
- Easy to apply on curved surfaces
- Good chemical resistance
- Good stain resistance

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Performance Properties:

Sr. No.	Properties	Testing Standards	Measurement Unit	Typical Value
	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	GU	85
4	Tensile Strength	ASTM D-882	Mpa	>15
5	Elongation at break	ASTM D-882	%	>200
	Ageing Performance			
6	Heat ageing 80˚C/ 24 Hrs	Internal	–	Pass- No Detrimental Effect
7	Water immersion 40˚C/ 24 Hrs	Internal	–	Pass- No Detrimental Effect
	Stain Resistance			
8	Water and soap resistance Drop test fro 10 min	Internal	–	Pass- No Detrimental Effect
9	Battery acid Drop test for 10 min	Internal	–	Pass- No Detrimental Effect
10	Diesel Drop test for 10 min	Internal	–	Pass- No Detrimental Effect
11	SAE Motor oil Drop test for 10 min	Internal	–	Pass- No Detrimental Effect
12	Hydraulic oil Drop test for 10 min	Internal	–	Pass- No Detrimental Effect

Application Conditions:

Recommended vehicles surface and ambient air temperature should be between 20˚C to 30˚C. Application should be done in dust free area and away from direct sunlight.

Storage Conditions:

The shelf life of this file is 1 year when stored in its original packaging at the temperature ranging from 18˚C to 26˚C and Relative Humidity 50 to 60%.

Notes:
The values listed here are in typical values. They are intended only as a source of information. Prior to application, the user must determine the suitability of the product for its intended use and assumes all risks and liability.. Refer PPF application manual for more details.

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