

A film alternative to two-tone styling

3M™ Body Contrast Film

- Improved weathering and chemical resistances over existing paint alternatives.
- Self-healing properties improve scratch resistance and durability.
- Tailorable color, gloss and texture to customer application.
- Film construction, chemistry and thickness designed to produce similar look, feel and performance to an automotive paint surface.
- May help with carbon footprint reduction compared to paint-based strategies.



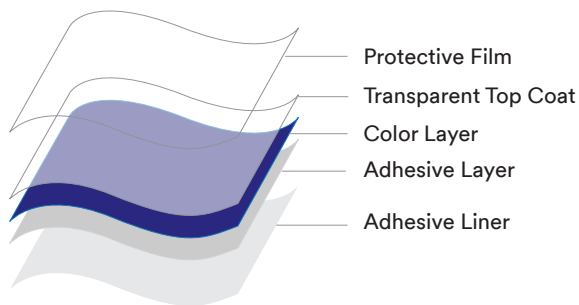
Benefits of using 3M™ Body Contrast Film

- Excellent weathering performance
- Variation of color, gloss and texture is technically feasible
- (Semi) Automatic application process
- Reduces capacity constraints in paint shops
- Process cost saving compared to paint solution

Product Portfolio

Color and Finish	Product Number	Status
Black High Gloss	FNS9059G11	Launched
Black Matte		In testing
Transparent Matte		In testing

Product Construction



Physical Properties

Property	Method	Typical Result
Thickness	DIN 53370-2006-11	115 µm (incl. adhesive)
Tensile Strength	ISO 527-3	>1500 N/cm ²
Elongation	ISO 527-3	>170%
Gloss	DIN 67530, 20° angle	G = 91.5
Dimensional Stability	30 min. @ 120°C applied on alu panel, 24 h pre -and post conditioning	dX = 0% dY = 0%
Self Healing	Erichsen Scratch Hardness (7N)	Clearly visible scratch - disappears after 24 h @ 23°C

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