

# TECHNICAL DATA SHEET

## GF 246

### 2.4 MIL GLOSS WRAP VINYL GREY REPOSITIONABLE ADHESIVE

GF 246 is a Premium 2.4 mil polymeric gloss white vinyl film coated with a permanent repositionable grey solvent acrylic pressure sensitive adhesive laminated to a 90# layfat liner. GF 246 can be printed on a variety of solvent-based, latex, UV and thermal printers that are commonly used in wide format systems designed to produce high quality long term graphics. This product may also be printed on using other printing processes such as UV screen and UV curable offset but must be tested before production. Use in applications where a high quality white marking film requiring flexibility, durability and resistance to sunlight is specified such as Fleet decals and graphics.

PRODUCT NAME	246
<b>FILM</b>	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ $\mu$ m)	2.4 / 61 (+/- 10%)
Film Weight (gsm)	85
Gloss (60°)	$\geq 80$
Opacity (%)	$\geq 99$
Tensile Strength (lbs/in)	MD $\geq 4000$ / CD $\geq 3800$
Elongation (%)	MD $\geq 225$ / CD $\geq 280$
Dimensional Stability (FTM 14)	MD $\leq 0.50$ mm / CD $\leq 0.30$ mm
<b>ADHESIVE</b>	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/ $\mu$ m)	1.1-1.3 / 28-33
Adhesive Color	Grey
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.0 / 13
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE Coated Kraft
Liner Thickness (#/gsm)	6.7 / 170
Release Force @ 300" / min (g/2")	15-25
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	$\geq +40$ °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	up to 7 years
Removability	* Up to 2 years

\* Vehicle Wrap Warranty: When removed using generally accepted vehicle graphic removal techniques, the horizontal applications may leave 20% or less adhesive residue.

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p><b>APPLICATION</b></p> <ul style="list-style-type: none"> <li>● WET APPLY</li> <li>● DRY APPLY</li> <li>○ LAMINATING</li> <li>● DIE CUTTABLE</li> <li>○ HOT STAMP</li> <li>○ THERMAL DIE</li> <li>● FLATBED CUTTABLE</li> </ul>	<ul style="list-style-type: none"> <li>● POP/RETAIL</li> <li>○ WALL</li> <li>● WRAP</li> <li>○ WINDOW</li> <li>○ FLOOR</li> <li>● FLEET</li> <li>● GENERAL SIGNAGE</li> <li>○ OUTDOOR (SHORT TERM)</li> <li>● OUTDOOR (LONG TERM)</li> </ul>	<ul style="list-style-type: none"> <li>● SOLVENT</li> <li>● ECO-SOLVENT</li> <li>● LATEX</li> <li>● UV CURABLE</li> <li>● SCREEN</li> <li>● OFFSET (UV CURABLE)</li> <li>○ OFFSET (CONVENTIONAL)</li> </ul>
<p><b>SUBSTRATES</b></p> <ul style="list-style-type: none"> <li>● OEM PAINTED METAL</li> <li>● PAINTED ALUMINUM</li> <li>● STAINLESS STEEL</li> </ul>		

## FAQS

Is GF 246 a full wrap film?	GF 246 works best with simple to moderate curves. This product is a polymeric calendared vinyl, and thus is not meant for complex curves. A cast film may be better suited for vehicles with complex curves and deep recesses.
What types of applications is GF 246 good for?	This product is recommended for indoor and outdoor uses where flexibility, durability and resistance to sunlight are required. These films can be used for fleet and vehicle graphics, architectural signage, commercial-retail signage, point-of-purchase graphics, and decals.
What are the recommended laminates for GF 246?	Our standard laminates are GF 231 UV Gloss and GF 240 UV Matte finishes. For a higher gloss finish use GF 242 UV Gloss Cast laminate.
Can I use wet application techniques on the GF 246?	Yes, but wet application may be difficult for wrap applications and can be done with standard flat applications and or fleet OEM flat painted surfaces.
Can I use primer with this product?	We do not recommend Primer 94 with our product. If absolutely necessary a small amount of Pro Bond™ Adhesive Promoter may be used in the tougher areas, but best practices are to clean the surface and crevases thoroughly, as most failures are the result of dirt and debris.