

# XPEL Decorative Film - CARBON

## High Performance Carbon Fiber Embossed Vinyl Film



Technical Data Sheet – October 2010

### General Description:

XPEL CARBON Decorative Film is an embossed, self adhesive vinyl film designed as a decorative overlay on almost any smooth untextured surface. It has exceptional elongation properties when heated for ease of application, allowing for single piece installations with few seams.

XPEL CARBON is resistant to most chemicals and exhibits a high degree of scratch resistance.

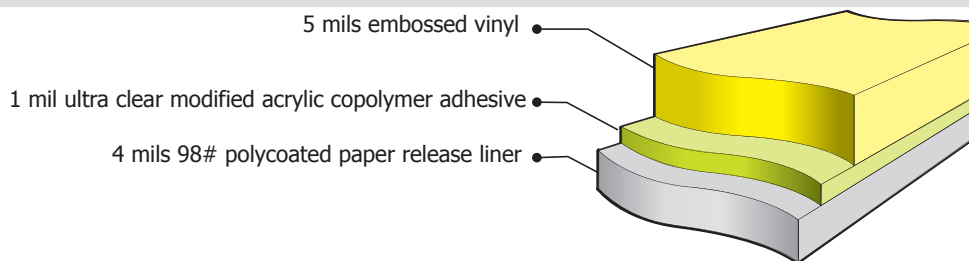
### Typical Applications:

XPEL CARBON can be used to cover any automotive surface including spoilers, grilles, mirrors, door handles, gauges, door panels, consoles, or even full body panels. It can also be used for graphic accents, stripes and tribals.

### Typical Industry Sectors:

Automotive, motorcycle, RV, powersports, bicycle, aircraft and most modes of transportation

### Film Construction:



GENERAL CHARACTERISTICS			
Properties	Typical Values	Unit of Measure	Test Method
<b>Physical</b> Film Adhesive Liner	5 1 4	mil ± 5%	
<b>Peel Adhesion</b> Initial peel Normal State After Heat Age	.56 kg/in .75 kg/in 1.6 kg/in	1 hour @ RT 7 days @ RT 16 days @ 80°C	TSM7505G
<b>Aging Test (appearance)</b> Heat Age Water Immersion Post Xenon weathering Outdoor exposure	Pass-No Detrimental Effect Pass-No Detrimental Effect Pass-No Detrimental Effect Pass-No Detrimental Effect	16 days @ 80°C 400 hr 40°C 1000 hr (41 days) FL exposure-1 yr	TSM7505G
<b>Solvent Testing</b> Water & Soap Spotting Acid Spotting Diesel Gasoline	No Detrimental Effect No Detrimental Effect No Detrimental Effect No Detrimental Effect	8 Hours @ 65°C 24 Hours @ 23°C 1 Hour @ 23°C 1 Hour @ 23°C	

**Shelf Life:**

XPEL recommends XPEL CARBON Film be stored at 50°F-90°F, and 40%-60% RH. Film should be used within one year of purchase.

**Installation:**

XPEL CARBON Film is designed to be used on any fully cured OEM paint surface. Surfaces that have been repainted are only suitable for installation of the film if the surface was repainted according to recommendations as set by the OEM. XPEL CARBON Film can be installed on smooth surfaces using either a wet or dry application. XPEL CARBON may be applied on mildly textured surfaces using a dry installation method. XPEL Surface Prep may also be used to improve adhesion to painted surfaces.

**Warranty:**

XPEL Technologies Corp. warrants XPEL CARBON Film to be free of any manufacturing or workmanship defects for five (5) years from the date of purchase. The warranty does not cover damage to XPEL CARBON Film caused by erroneous application, accidents or collisions, intentional misuse or ordinary wear. XPEL will replace any film that does not meet this warranty. The replacement of damaged film is the exclusive remedy; liability does not extend to any other damages, incidental, consequential or otherwise.

**Notice:**

The representations of performance and suitability for use contained in this Technical Data Sheet are meant only as a guide. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use.



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