

Polymeric has developed the V-WRAP LTX system, a Vehicle Wrap, Fleet Graphics liquid lamination, designed specifically for screen printed & digitally printed graphics applications. Originally developed for the "HP LATEX" printers, this clear contains UV inhibitors, effective in preventing pigments from fading. V-WRAP is also suitable to be used over solvent and UV systems as well. This coating has excellent elongation and is specifically designed for use over vehicle wrap and fleet applications and is suitable to be used on all vehicle wrap and fleet graphics materials. V-WRAP LTX is an excellent alternative to replace the costly over-laminates often used.

V-WRAP LTX Clear when overprinted or roll coated will endure up to 5 years of direct sun and element exposure without cracking, peeling or chalking. Historical data collected suggests that the V-WRAP LTX clear will extend the colorfast properties of any ink it is printed over.

V-WRAP has been subjected to a battery of tests with the following results.

Performance Testing

Cross-hatch Adhesion	ASTM D3359 – Pass
Humidity	ASTM D4585 – 500 hours Pass
Adhesion after Humidity	ASTM D3359 – Pass
QUV Weathering	ASTM G154 – 1,500 hours Pass
Adhesion after QUV	ASTM D3359 – Pass
Chemical and Stain Testing <ul style="list-style-type: none"> • Windex • Mr. Clean • Coffee • Tea • Coca-Cola 	ASTM 1308 – 24 hours Pass
Heat Aging	500 hours at 190°F – Pass
Adhesion after Heat Aging	ASTM D3359 – Pass
Water Immersion	96 hours in 90°F circulating bath – Pass
Adhesion after Water Immersion	ASTM D3359 – Pass
Xenon	SAE J1885 – 1000kj – Pass
Adhesion after Xenon	ASTM D3559 – Pass
Taber Abrasion	3000 cycles, 500 gram load CS 10 Wheel - Pass

SOLVENT & CHEMICAL RESISTANCE:

V-Wrap LTX Clear has shown excellent resistance to gasoline, IPA, Acetone, Automotive cleaners, and lubricants.

V-Wrap LTX Clear has also shown resistance with no discoloration or adhesion failure after exposure to the following chemicals:

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| <ul style="list-style-type: none"> • Windshield Washer Fluid • Pledge • Multi-Purpose Cleaner (409) • Spic & Span • WD-40 • Armor-All | <ul style="list-style-type: none"> • Silicone Lubricant • Anti-freeze • Gasoline • Kerosene • Diesel Fuel |
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Curing:



#21909 V Wrap LTX

UV: 1-200 watt per inch medium pressure mercury vapor lamp with a MJ output of at least 225.

Belt Speed: 35-50 fpm

Mixing: V-WRAP LTX #21909 UV is supplied at print-ready viscosity and can be used directly from the container. Thinning is not recommended. This coat is as clear as water and as smooth as glass.

Coating: A coating thickness of 5/10s to 8/10ths of mil dry film is recommended.

Application: V-WRAP LTX products coat with a very high gloss and excellent visual clarity.

Coverage: 2,000 – 2,500 sq ft per gallon

A. Warranty Liability Limited to Purchase and Installation Costs

Notwithstanding anything provided herein or any other written material to the contrary, Polymeric only warrants the purchase price and costs of installation. POLYMERIC SHALL HAVE NO LIABILITY OR OBLIGATION TO ANY USER, BUYER, PURCHASER, DISTRIBUTOR OR OTHER PERSON OR ENTITY FOR ANY SPECIAL, DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, HOWEVER CAUSED, INCLUDING WITHOUT LIMITATION, PERSONAL INJURY, LOSS OF BUSINESS, LOSS OF PROFIT, OR OTHER DAMAGE, whether or not buyer shall have informed Polymeric of the possibility or likelihood of any such damages.

B. Limitation of Implied Warranty and Fitness for a Particular Purpose

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C. A Pretest Prior to Production is Recommended to Ensure Proper Suitability for the Intended Application.

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