



September 25th, 2015

Unelko's Transparent Polymer Coating for Glass

Years of research, technological advances, laboratory and real world testing all culminating in extensive patent research and application are the background of all Unelko products.

For a scientifically sound, 100% unbiased, ASTM laboratory based testing of the performance and durability of our transparent polymer coating, Unelko contracted an internationally recognized laboratory, Nanovea. There, they utilized standard ASTM tests of our polymer coating (#101-C) on an automobile windshield to determine its durability, scratch and impact resistance.

People have asked why we chose to test automotive windshield glass. The answer is very clear...no glass is more exposed to abrasion, road debris and scratching than vehicular glass. Unelko knew if we could prevail in that environment, we would be virtually unbeatable in the less challenging environments of exterior structural glass or interior glass applications.

You will find in this extensive test report, straight forward facts rather than interpretation for the sake of marketing. For 40 years, Unelko has believed that the truth about of our products performance is the key to earning a customers trust.

Add to that, the absolute ease of application and industry best pricing for our protection and you can see why thousands of loyal customers have enjoyed decades of Unelko performance.

The tests were conducted in accordance with ASTM G99, ASTM D7027 and ASTM D7187 standards. The results – comparing treated and untreated automotive windshield glass were significant:

1. Road Debris Impact on Glass: Unelko's polymer-coated windshield's is able to withstand 77.3% more impact from small road debris when driving in traffic.
2. Wiper Abrasion on Glass: Unelko's polymer-coated windshield is 23% more resistant to wear from repetitious wiper abrasion.
3. Scratch Resistance of Glass: Unelko's polymer-coated glass is 32% more scratch-resistant than is uncoated glass.

Unelko's customers can now enjoy glass that looks better, repels water, soil and stains, lasts longer, is easier to maintain and can withstand abuse better.

Thank you,

Bill Lebowitz
COO
UNELKO Corporation