



ZTechnik Innovation

POLYCARBONATE... OR ACRYLIC? YOU DECIDE!

When you watch ZTechnik's online video demonstration, you'll see why they manufacture their windscreens from thick Lexan® polycarbonate material. There is simply nothing else that stands up to its strength and durability.

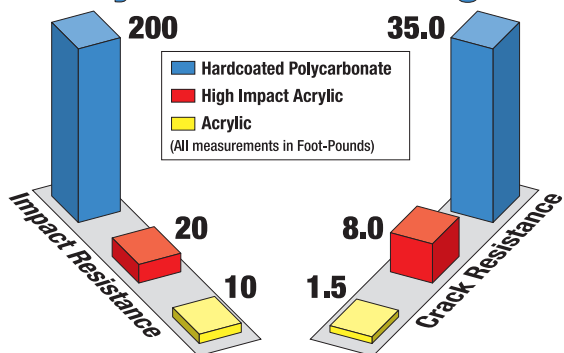


Go to the News Video section at www.nationalcycle.com

Compared to standard acrylic windscreens, polycarbonate is **20X more impact resistant** and **23X more crack resistant**. That's performance you can feel comfortable riding behind!

For Quality, Value and Price, whether it's FMR or Quantum hardcoated, your polycarbonate windscreen from ZTechnik will outperform any other windscreen available.

Polycarbonate Strength



"The ZTechnik® windscreen on my R1150GS Adventure saved my life recently, or at least prevented a serious highway accident.

"While I was riding on the interstate, a landscaping truck in front of me lost a 12"x12" paving tile, which struck my ZTechnik screen. I saw it coming and could do nothing but brace for the impact. The screen deflected under the weight and velocity of the paving tile, but did not break or crack! I was able to maintain control and safely exit the highway to check for damage. There was none!!! Except for some scratches, as you might expect, the screen and the mounts were in good functional order.

"Many thanks for the best windscreen I have ever used!"

~ Jim B.

ZTECHNIK'S 3-YEAR UNBREAKABLE WARRANTY

We believe we make the world's best and toughest windscreens and we back up that commitment with a **3-Year Warranty against breakage**. If your ZTechnik polycarbonate windscreen breaks, it will be replaced free of charge! No other windscreen manufacturer makes that promise and commitment!



Registering your ZTechnik windscreen is easy! Just go to www.ztechnik.com.

ZTECHNIK'S QUANTUM® LEAP IN WINDSCREEN HARDCOATINGS

What makes ZTechnik's Quantum® hardcoated windscreens better than all the others?

SUPERIOR SCRATCH RESISTANCE

30X more scratch resistance than typical acrylic windscreens is saying a lot! Think of it as 30X more miles per windscreen. FMR hardcoated polycarbonate is a big improvement over acrylic, yet Quantum hardcoated polycarbonate even has **10X better scratch resistance than FMR**. That's the kind of performance and strength you need from a motorcycle windscreen!

GLARE-FREE OPTICS

Think about riding into the sun – or at oncoming headlights at night – and not having to look through the glare of fine scratches that eventually show up on your screen. Quantum hardcoating gives your windscreen much better optical definition and clarity, and your windscreen will stay that way a lot longer.



On the left you'll see the motorcycle windscreen with typical surface wear, scratches and abrasions. This is NOT what you want in front of you when facing oncoming traffic!



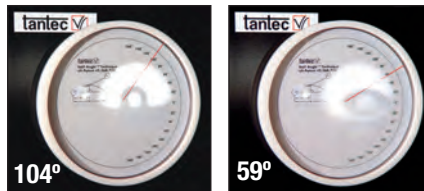
Scientific laboratory monitoring and measurement instruments, like ZTechnik's Tabor 5130 Abraser, test the surface wear on both hardcoated and uncoated windscreen materials.



ZTECHNIK'S NEW RAINZIP® RAIN REPELLENT

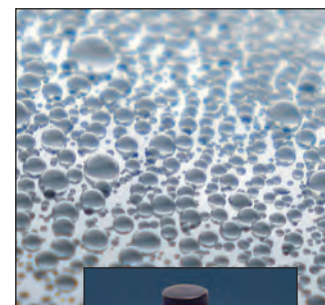
To keep your windscreen clearer in rainy weather, National Cycle and ZTechnik developed RainZip®, a specially formulated rain repellent treatment that is safe to use on any Quantum™ or FMR hardcoated Windscreen. And, it's safe to use on ANY motorcycle windscreen, as well as helmet faceshields and goggles.

RainZip is hydrophobic – when rain accumulates on the windscreen, RainZip causes it to effectively bead up and blow away, even at riding speeds of only 20-30MPH.



104°	Quantum Hardcoated Polycarbonate + RainZip
88°	Quantum Hardcoated Polycarbonate
78°	FMR Hardcoated Polycarbonate
59°	Acrylic

RainZip's effectiveness is measured by contact angle. If the angle is greater than 90° it is determined to be nonwetting. All measurements taken on National Cycle's own TanteC® Contact Angle Meter.



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THE REVOLUTIONARY VSTREAM® WINDSCREENS

HOW DOES VSTREAM WORK?

ZTechnik revolutionized windscreen performance with their VStream® windscreens. They are well known not only for superior wind-deflecting comfort but also for a riding environment that is calm and quiet. In order to create a more comfortable ride, other manufacturers offer extra-tall windscreens or spoiler tops to try to lift the air stream. But ZTechnik designed, for the first time ever, a windscreen with contours calculated and adjusted to manage the riding environment.



QUIET

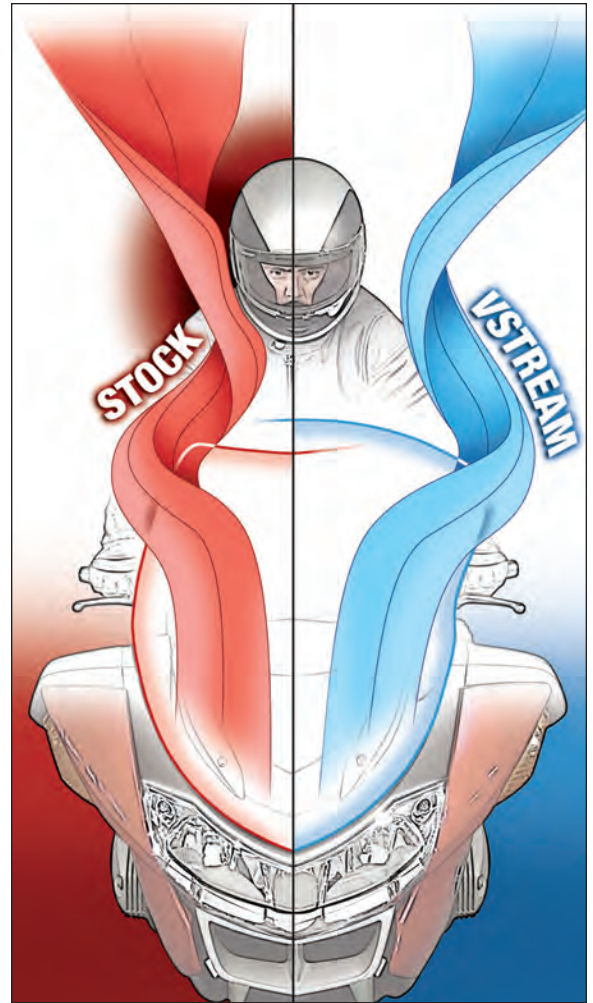
The airflow pattern of the wake from most windscreens is called a *van Karman vortex*. At speeds of 50-90 mph, the air swirls off the windshield in an approximate 90-degree rotational vortex. It then hits the bottom of the rider's neck on the way up, and curves off the shoulders at approximately 45 degrees. The VStream is named for its unique patented "V" shape. This design **quiets the ride** because it pushes that vortex out and away from the side of the rider's head. The rider then experiences an environment with irritating wind noise reduced.

COMFORT

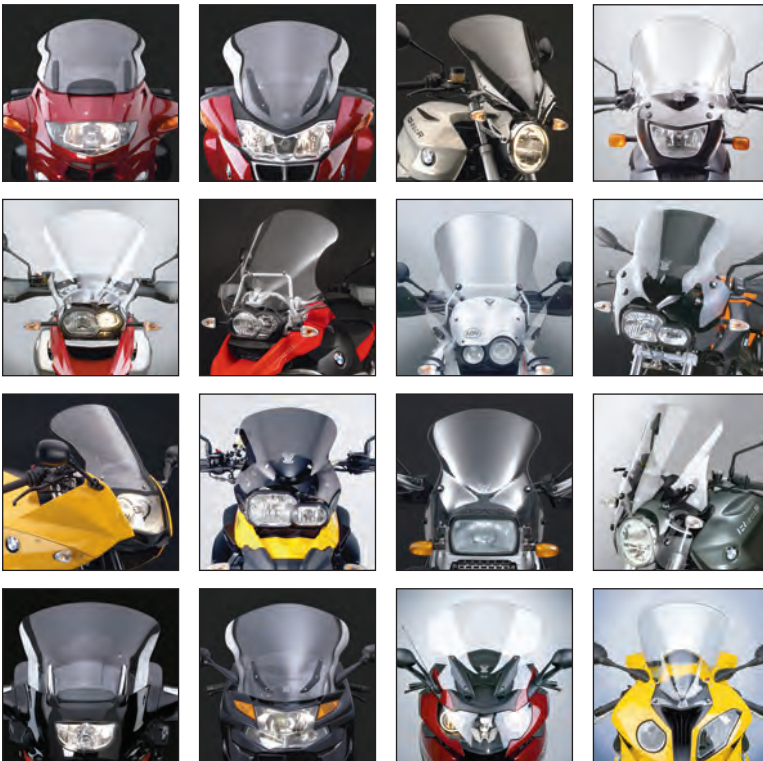
The VStream's advanced "V" profile, unique three-dimensional contours, and smooth radiused edges all contribute to **calmness and comfort** in the riding environment. Unsettling wind turbulence is effectively pushed aside, and this fatigue-reducing experience is greatly appreciated by the rider and passenger. Many satisfied customers claim the VStream is definitely the most comfortable windscreen they've owned.

DURABILITY AND OPTICAL CLARITY

In addition, VStream windscreens have an outstanding level of **durability and optical clarity** that is the result of over 75 years of windscreen manufacturing and advanced technology in forming and coating. Experience a VStream windscreen and see why they are **the most comfortable windscreen you can ride behind** on a BMW® motorcycle.



Visit www.ztechnik.com to see "Virtual VStream" test ride videos!



ZTechnik® makes over 70 VStream® Windscreens for over 35 models of BMW® Motorcycles. Go online to see the VStream applications for YOUR bike!

"It's clear that your Z2402 VStream® Windscreen for the R1200RT is well thought out and fabricated. No issues with the installation and it meets all my expectations. Been on long and short rides. I'm pleased with the operation, and the extra height and width provide a better comfort envelope during the ride than the stock screen."

~ Mike F.

"I purchased a Z2450 VStream® Windscreen for my K1200LT while at the BMWMOA National Rally in West Bend, Wisconsin."

"I have enjoyed having this windscreen on my bike as there is much less wind turbulence and much better visibility than with the stock BMW windshield. I am looking forward to many comfortable miles with this VStream windscreen on my bike."

~ Charles J.

"The ZTechnik Z2419 VStream® Windscreen on my R1200GS Adventure is quiet, real quiet. Previously I had a Touratech® windscreen extender on the stock screen which helped, until I dropped it and it broke into pieces. The VStream's airflow is clean and there is no wind noise inside the helmet. Optically the screen is clear with virtually no distortion, so looking through the screen is not really an issue."

"I've ridden close to 1,000 miles since the installation. I run at speeds up to 90 but average around 70 to 75MPH. The screen is so quiet that you can hear the motor running."

~ Lodewyk

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