



» APPLICATION BULLETIN

IMAGINE THE POSSIBILITIES OFF ROAD

Your customers expect performance and durability from your off-road vehicles. What if you could give them game-changing innovation too? We understand that exhilarating your customers' experience is what sets you apart from the competition.

We can help you get there!

From hunters and fishing enthusiasts to farmers, backwoods campers, and UTV riders, your customers depend on you for designs that take them where they want to be.

Whether you're looking to boost impact resistance, amp up aesthetics, inject comfort, or revolutionize a standard design with your latest cutting-edge idea, we can help. You'll get design support, manufacturing and technical guidance, and polymer recommendations that enhance your profitability and thrill your customers as they travel off road.

TAKE THEM TO THE EDGE OF ADVENTURE

For enthusiasts, the ride out to the edge is a vital part of the overall outdoor experience. Gear up your customer for the ultimate experience using engineered polymers that perform.

DURABILITY

High Impact Strength, Weatherability
SOLUTION: PP, HDPE, ASA,
Nylon Engineered Formulations

AESTHETIC APPEAL

Custom Color & Special Effects, Paint Replacement
SOLUTION: Custom Polymer Colorants,
Pre-Colored High-Gloss Thermoplastics

THERMAL MANAGEMENT

LED Heat Sinks, Design Flexibility
SOLUTION: Thermally Conductive
Formulations

TACTILE EXPERIENCE

Soft-Touch Feel, Durability
SOLUTION: Thermoplastic
Elastomers (TPEs)

STRUCTURAL PERFORMANCE

Corrosion Resistance,
Lightweighting
SOLUTION: Long Fiber Reinforced
Composites, Nylon Engineered
Formulations, Continuous Fiber
Composite Tapes & Laminates,
Chemical Foaming Additives

SURFACE PROTECTION

Performance Enhancements
SOLUTION: Scratch & Mar
Resistance, UV Stable
Additives, Anti-Static
Additives

EXTREME PERFORMANCE

Chemical & Fire Resistance,
High Temperature Performance
SOLUTION: Nylon Engineered
Formulations, Long Fiber Reinforced
Composites, Continuous Fiber
Composite Tapes & Laminates, Flame
Retardant Polyolefin Formulations

STRUCTURAL INTEGRITY

High Stiffness-to-Weight Ratio,
Metal Replacement
SOLUTION: Pultruded Rods,
Tubes & Custom Profiles, Long
Fiber Reinforced Composites

STRENGTH & STABILITY

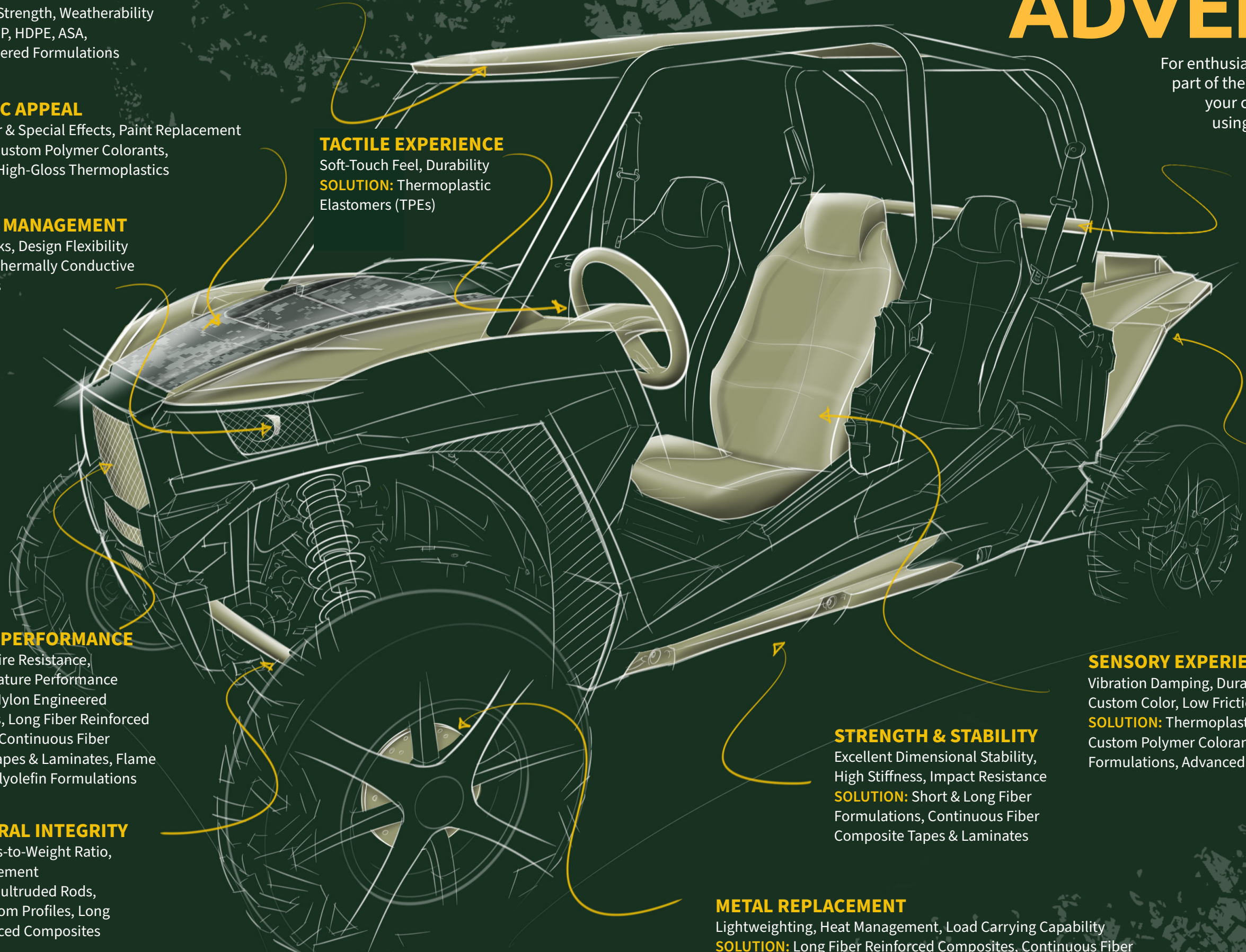
Excellent Dimensional Stability,
High Stiffness, Impact Resistance
SOLUTION: Short & Long Fiber
Formulations, Continuous Fiber
Composite Tapes & Laminates

METAL REPLACEMENT

Lightweighting, Heat Management, Load Carrying Capability
SOLUTION: Long Fiber Reinforced Composites, Continuous Fiber
Composite Tapes & Laminates

SENSORY EXPERIENCE

Vibration Damping, Durability, Customization,
Custom Color, Low Friction
SOLUTION: Thermoplastic Elastomers (TPEs),
Custom Polymer Colorants, Internally Lubricated
Formulations, Advanced Composite Springs



A COLLABORATION THAT BRINGS STYLE & GRIT

To all thrill seekers, fans and enthusiasts, your brand says, "Bring it!" Our advanced materials, technical expertise and design support can help you create a powerful, ergonomic machine that opens up new paths to off-road nirvana. Those who live on the edge are ready for innovation. Let's not keep them waiting.



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