



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 industrial design and polymer recommendations that enhance your profitability and thrill your customers as they travel off road.

PolyOne[™]

TAKE THEM TO THE EDGE OF ADVENTURE

DURABILITY

High Impact Strength, Weatherability
SOLUTION: Thermoformed TPR, Exterior Rigid Sheet

AESTHETIC APPEAL

Custom Color, Patterns & Films
SOLUTION: Printed Hydrographics & Custom Polymer Colorants

THERMAL MANAGEMENT

LED Heat Sinks, Design Flexibility
SOLUTION: Thermally Conductive Formulations

TACTILE EXPERIENCE

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

STRUCTURAL INTEGRITY

Corrosion Resistance, Lightweighting
SOLUTION: Long Fiber Reinforced Composites, Fiber-Reinforced Pultrusion Technology

SURFACE PROTECTION

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

SENSORY EXPERIENCE

Vibration Damping, Durability, Customization
SOLUTION: Thermoformed Flexible Sheet, Thermoplastic Elastomers (TPEs)

STRENGTH & STABILITY

Excellent Dimensional Stability, High Stiffness, Impact Resistance
SOLUTION: Fiber-Reinforced Composites, Rigid Sheet, Specialty/Structural Sheet

METAL REPLACEMENT

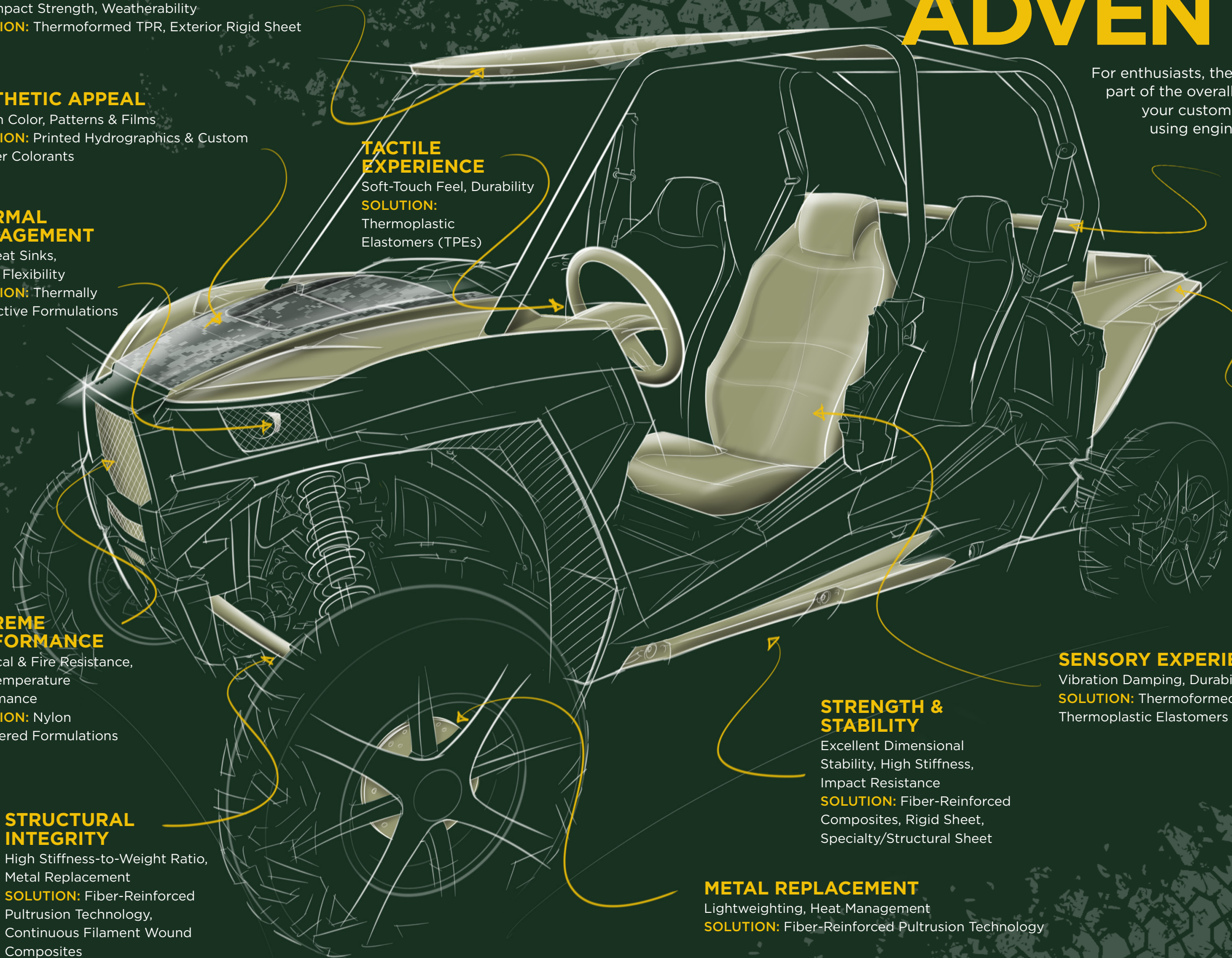
Lightweighting, Heat Management
SOLUTION: Fiber-Reinforced Pultrusion Technology

STRUCTURAL INTEGRITY

High Stiffness-to-Weight Ratio, Metal Replacement
SOLUTION: Fiber-Reinforced Pultrusion Technology, Continuous Filament Wound Composites

EXTREME PERFORMANCE

Chemical & Fire Resistance, High Temperature Performance
SOLUTION: Nylon Engineered Formulations



A COLLABORATION THAT BRINGS STYLE & GRIT

To all thrill seekers, fans and enthusiasts, your brand says, "Bring it!" Our advanced polymers 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.



1-866-POLYONE
www.polyone.com

PolyOne[™]

Copyright © 2016, PolyOne Corporation. PolyOne makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. PolyOne makes no warranties or guarantees respecting suitability of either PolyOne's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. POLYONE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.