



➤ APPLICATION BULLETIN

## MAKING WAVES

# MATERIAL SOLUTIONS FOR PADDLESPO RTS

Paddlesports enthusiasts take many forms: adrenaline junkies who crave the exhilaration of kayaking Class 5 rapids; anglers canoeing down a glassy river at dawn's first light; groms charging into the salty surf on their SUPs.

Different styles, different environments. Even different attitudes. But all share a love of being out on the water.

Whether your customers are in pursuit of a water adventure, exercise, or a trophy fish, your products help connect them with their passion. And whether they shove off from shore in a kayak, canoe, raft, or

SUP, they all want high-quality, durable, lightweight equipment that they can count on to perform flawlessly for their specific needs.

Let us help you heighten every moment your customers spend on the water. Our wide range of advanced polymers and composites give you the freedom to innovate, add strength without weight, and create fresh designs that offer great performance yet remain economical to produce. Avient is here to support you as you make that next big idea a reality.

# OUTSTANDING FROM STEM TO STERN

Explore the many ways polymers can help you innovate to meet evolving consumer demands and create thoughtfully designed paddlesports products that set your brand apart.

## EXTREME PERFORMANCE

Waterproof Seals & Closures

**SOLUTION:** Thermoplastic Elastomers

## DYNAMIC COMFORT

Durability, Customization, Shock Absorption

**SOLUTION:** Thermoplastic Elastomers

## COLOR RESILIENCE

Excellent Adhesion to Substrates, Weatherability

**SOLUTION:** Plastisol Textile Inks

## FUNCTIONALITY

High Stiffness, Structural Integrity, Metal Replacement

**SOLUTION:** Short & Long Fiber Formulations, Continuous Fiber Composite Tapes & Laminates

## STRENGTH & FLEX

Excellent Dimensional Stability, High Stiffness, Impact Resistance

**SOLUTION:** Short & Long Fiber Formulations, Continuous Fiber Composite Tapes & Laminates

## METAL REPLACEMENT

High Stiffness-to-Weight Ratio, Lightweighting, Buoyancy

**SOLUTION:** Continuous Filament Winding Technology

## DURABILITY

Density, Stiffness, Strength

**SOLUTION:** Short & Long Fiber Formulations, UV-Stabilized Polyethylene

## TACTILE EXPERIENCE

Soft Touch, Slip Resistance

**SOLUTION:** Thermoplastic Elastomers

## RESILIENCE

Weatherability, Longevity

**SOLUTION:** Specialty Engineered Polymer Formulations

## AESTHETIC APPEAL

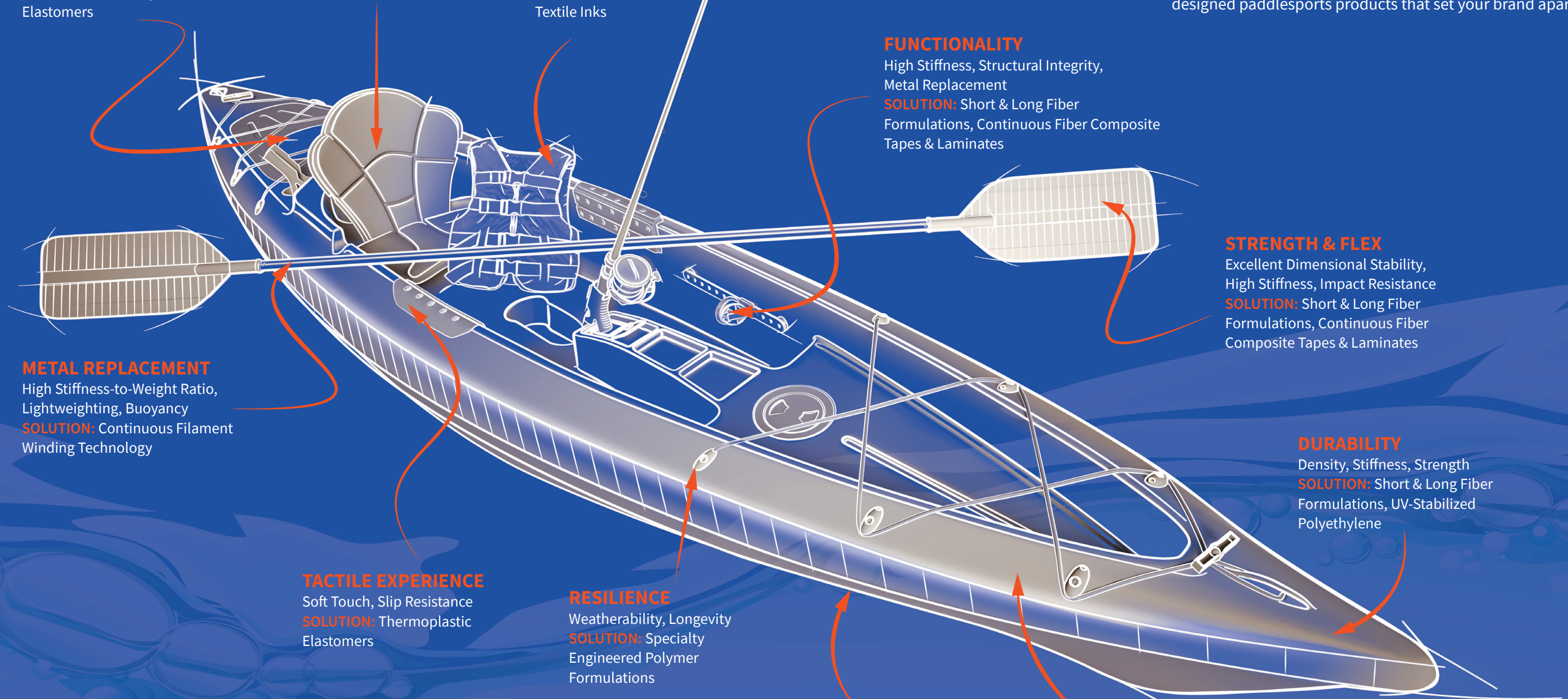
Custom Colors, Patterns & Tones

**SOLUTION:** Custom Polymer Colorants, Specialty Additives


## SURFACE PROTECTION

Performance Enhancements, Chemical Resistance

**SOLUTION:** Scratch & Mar Resistance, UV Stable Additives



# STAYING UPSTREAM



Rock the boat with a whole new approach to paddlesports products using advanced polymers from Avient. You won't be alone. From design engineering to manufacturing support, our team of experts is ready to help you bring fresh ideas to market quickly and profitably. Because we understand that when you deliver a better experience for customers, you'll leave the competition in your wake.

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