

ENGINEERING

Science is your friend. If you know how to use it.

When you set out to uncover what makes a St. Croix different from other rod blanks, you need look no further than the engineer sitting right beside the rod blank designer. It's a partnership that's produced such breakthroughs as St. Croix's exclusive Integrated Poly Curve® and Advanced Reinforcing Technology™. Rod performance is only as good as the design behind it – and rest assured, every St. Croix rod blank is engineered and developed to outperform all others.

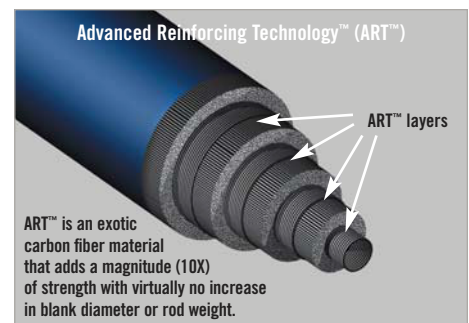
Integrated Poly Curve® (IPC®) Technology

Developed exclusively by St. Croix, Integrated Poly Curve® (IPC®) technology has rapidly become the engineering leader in rodmaking. Designed to eliminate all transitional points in the rod blank, IPC-engineered rods feature smoother actions, increased strength and greater sensitivity.



Advanced Reinforcing Technology™ (ART™)

Advanced Reinforcing Technology™ (ART™) is an exotic carbon fiber material that adds a magnitude (10X) of strength with virtually no increase in blank diameter or weight. ART significantly improves the hoop strength of the blank by preventing it from deforming or “ovaling” under a severe load, such as a powerful hook set or fish battle. ART is also a critical part of our slim-profile ferrule design.



OUR BLANK MATERIALS GUIDE:

Great rods begin with the highest quality blank materials and expert manufacturing techniques and processes. Each material listed here is exclusive to St. Croix and is designed for specific performance characteristics.

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| <p>SC^{VI} Exotic, 62,000,000 modulus, high-strain graphite fiber used only as a compliment to other graphite material(s). This very expensive graphite is too high in modulus to be used as the primary material. Be wary of claims by other companies touting ultra-high modulus at suspiciously low prices. Look for it in our SC^V and SC^{VII} blanks.</p> <p>SC^V Our high-modulus/high-strain graphite with carbon-matte scrim. The ultimate in high performance. Results in fast, quick-loading rods that cast with unbelievable ease and accuracy. Provides unparalleled sensitivity.</p> <p>SC^{IV} An extraordinary high-modulus/high-strain graphite. Produces extremely lightweight rods with crisp, fast actions and an incredible transfer of power. Also very sensitive.</p> | <p>SC^{III} An advanced high-modulus/high-strain graphite that delivers maximum durability and sensitivity. Not as high-modulus as SC^{VI}, but creates rods with a smooth, light feel in the hand while providing superb power.</p> <p>SC^{II} Powerful, durable mid-modulus graphite. Light. Sensitive. Creates rods with exceptional “feel.” Outstanding performance vs. price.</p> <p>SC^{IIW} We took our reliable SC^{II} graphite and created a woven layout. The result is a blank with superior hoop strength and incredibly high impact resistance.</p> <p>SC^I Our own specialized linear fiberglass matrix. Stronger, lighter and higher in modulus than ordinary fiberglass. Produces a softer action than graphite that is ideal for trolling and fishing fast-reaction baits such as crankbaits and spinnerbaits.</p> |
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