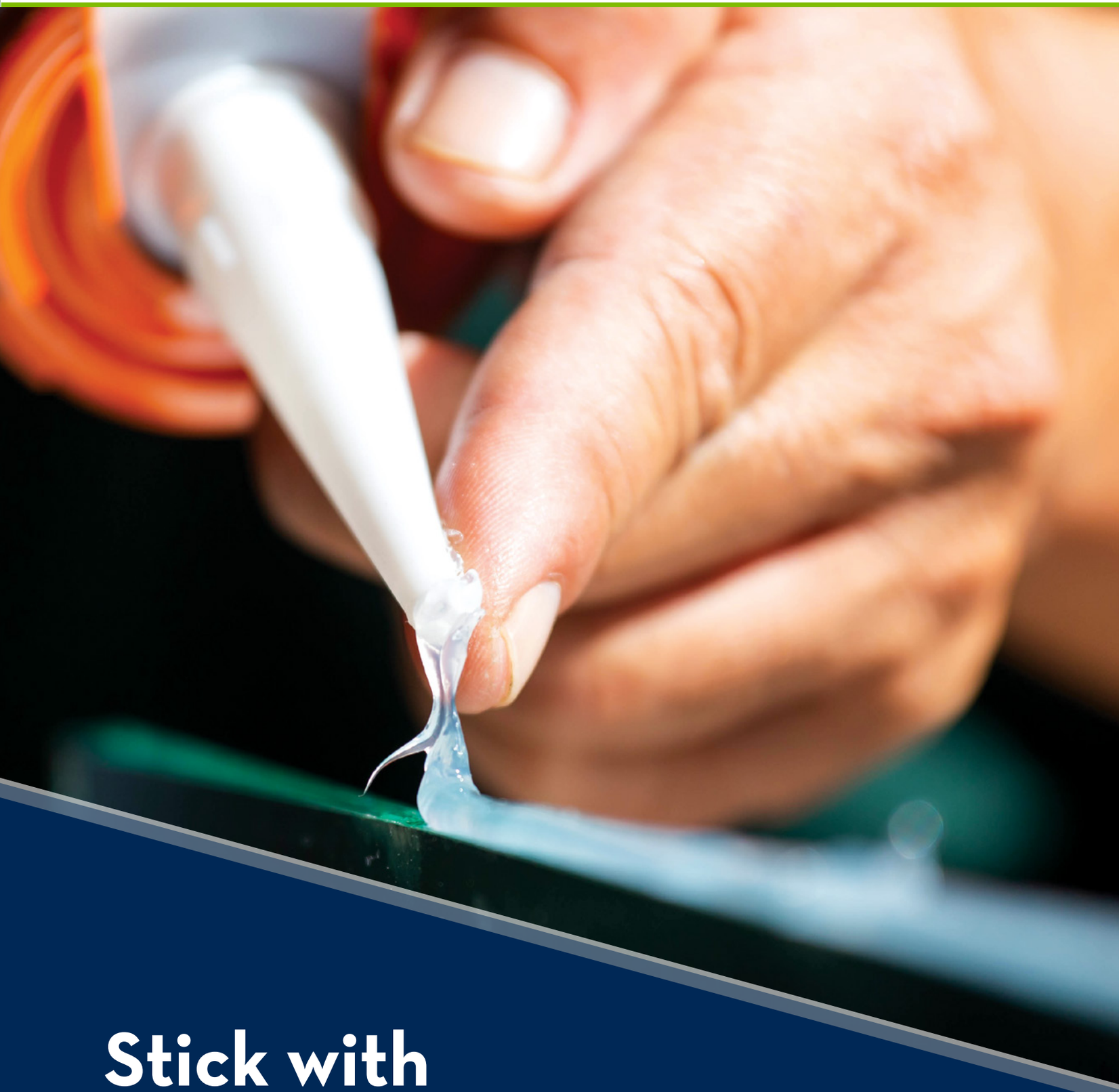
KRATON™

Sustainable Solutions.
Endless Innovation.™



Stick with Kraton Polymers

Sustainability

Kraton contributes to the circular economy by enabling a holistic approach to plastic product life cycle. Our polymer portfolio includes solutions for compatibilization and modification of different materials including virgin resins, bioplastics (such as polylactic acid and biobased polyethylene or polypropylene), and post-consumer and post-industrial recycling waste streams. In some cases, Kraton polymers' processing conditions can help decrease energy consumption during manufacturing, reducing carbon dioxide footprint.

Adhesives

Kraton polymers can be formulated to produce adhesives with a variety of key properties using resins, plasticizers, fillers, antioxidants and others. These adhesives are versatile and can be applied either as a hot melt or from solution. They adhere well to non-porous substrates and are more flexible and elastic at freezer temperatures than hot-melt adhesives prepared from polymers like ethylene-vinyl acetate (EVA), polypropylene and polyethylene.

Hot-Melt Adhesives

Kraton polymers can be used to manufacture a broad range of hot-melt and solvent-based adhesives.

Styrene-isoprene-styrene (SIS) polymers offer excellent PSA properties and work well in high-speed extrusion coating lines. Styrene-butadiene-styrene (SBS) polymers offer high cohesive strength, lower cost and are ideally suited for solvent coating operations. Kraton also produces SBS grades designed for ultraviolet (UV) or radiation curing.

SEBS and styrene-ethylene/propylene-styrene (SEPS) block copolymers have outstanding thermal, ozone and UV stability. These fully saturated block copolymers can be formulated as hot melts or with solvent. Kraton offers a broad styrenic block copolymer (SBC) grade line with U.S. Food and Drug Administration (FDA) coverage while delivering on key performances:

- Good compatibility with a broad range of resins and plasticizers
- Low temperature flexibility with good heat resistance
- Low melt viscosity and application temperature
- Superior adhesion to a variety of substrates
- Good balance of tack, peel and shear
- Excellent color stability
- Superior UV and heat stability with Kraton G polymers

Nonwoven Adhesives

Kraton polymers are formulated with tackifying resins, white oils, stabilizers and other functional additives for the following applications:

- **Construction adhesives.** Enables lamination of non-woven back sheets to the polyolefin top sheet.
- **Elastic attachment adhesives.** Enables adherence of elastic threads to polyolefin and nonwovens films to form elastic waist and leg bands.

A Legacy of Innovation

As a leading global supplier of SBC, Kraton has applied years of experience to formulate a class of polymers offering significant value for existing and emerging adhesive needs.

Our polymers offer improved all-around performance for a variety of consumer and industrial adhesive applications. SBC's unique chemical structure allows for performance enhancements such as tack, cohesive strength, holding power, stiffness, temperature resistance, surface protection, lower viscosity and softness.

Industrial Adhesives

Kraton polymers are formulated to manufacture a wide range of hot-melt and solvent-based industrial adhesives - from non-pressure sensitive to pressure sensitive. They exhibit high performance and can adhere to many substrates:

- Paper
- Cardboard
- Polymer coated substrates
- Plastics
- Polyolefins
- Fabric
- Foam

We provide customers with solutions for various applications:

- Automotive interior assembly
- Appliance assembly
- Furniture assembly
- Shoe assembly
- Freezer grade packaging
- Bottle labeling
- Bookbinding
- Credit card attachments

Tapes and Labels

For hot-melt and solvent-based adhesive tapes and labels, Kraton offers a broad portfolio for polyolefin-based biaxially-oriented polyproplyene (BOPP), paper, cloth and aluminum products.

Used widely in PSA production, our polymers exhibit high performance properties:

- Good compatibility with resins and plasticizers
- Low melt viscosity and application temperature
- Superior heat, oxidative and UV light stability

About Kraton Corporation

Kraton Corporation is a leading global producer of styrenic block copolymers, specialty polymers and high-value performance products derived from pine wood pulping co-products. Kraton's polymers are used in a wide range of applications, including adhesives, coatings, consumer and personal care products, sealants and lubricants, and medical, packaging, automotive, paving, roofing and footwear products. As the largest global provider in the pine chemicals industry, the company's pine-based specialty products are sold into adhesive, road and construction and tire markets, and it produces and sells a broad range of performance chemicals into markets that include fuel additives, oil field chemicals, coatings, metal working fluids and lubricants, inks, flavors and fragrances and mining. Kraton offers its products to a diverse customer base in over 70 countries worldwide.

KRATON™

SUSTAINABLE SOLUTIONS.
ENDLESS INNOVATION.™

KRATON CORPORATION

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