



ADVANCED ELASTOMER SOLUTIONS FOR ENERGY APPLICATIONS

With a legacy dating back to 1910, Precix delivers elastomer solutions for the most demanding Energy Applications. We deliver high-quality sealing solutions that perform reliably in extreme temperatures, harsh chemicals, and demanding environments.

OUR EXPERTISE INCLUDES

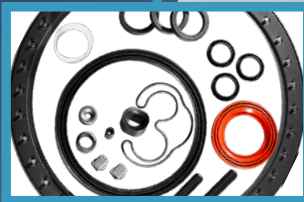
O-RINGS

Precision-engineered for optimal sealing performance



CUSTOM ELASTOMER SOLUTIONS (CES)

Tailored solutions to meet your unique specifications



URETHANE SEALS

Durable and high-performance seals for critical applications



SEALING APPLICATIONS

OIL & GAS EXPLORATION AND DELIVERY

- Well Service Products
- Valve Seats (Snap On & Bonded)
- Oil Field Pumps
- Drill Bit Seals
- Centrifugal & Positive Displacement Pumps
- Flanges & Connections
- Mechanical Seals

WIND TURBINES

- Blades
- Gearboxes
- Generators

SOLAR

- Junction Boxes
- DC to AC Converters
- Connectors
- UL Listed Materials

Leveraging our ongoing research into advanced materials and a commitment to continuous improvement, we develop solutions that exceed expectations in extreme environments. Our culture, rooted in integrity, transparency, and diversity, drives us to build lasting relationships and make a meaningful impact.

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Urethane elastomers are a special category of elastomer materials, characterized by their high strength. Specifically, tensile strength properties are unmatched, as is their tear and abrasion resistance. Also noteworthy is their high load bearing capability. These attributes would be the main reasons for selecting urethane, rather than their moderate heat resistance or their good oil resistance.

PRECIX® URETHANE COMPOUNDS

PHYSICAL PROPERTIES TYPICAL VALUES	U120	U130	U140
MATERIAL TYPE	POLYESTER URETHANE	POLYCARBONATE URETHANE	POLYETHER URETHANE
DUROMETER, SHORE A, (pts)	92 - 95	92 - 95	92 - 95
TENSILE STRENGTH, (psi)	6000 - 7000	7000 - 8000	4000 - 5000
MODULUS @ 100% (psi)	1600 - 1700	2000	2000 - 2100
ULTIMATE ELONGATION, (%)	450 - 500	450 - 500	300 - 400
HCL, % RECOMMENDATION	<15%	ANY	<15%
ACID RESISTANCE	GOOD	EXCELLENT	GOOD
ABRASION RESISTANCE	GOOD	EXCELLENT	GOOD
COLOR	PER REQUEST	PER REQUEST	PER REQUEST

PRECIX® RUBBER COMPOUND PORTFOLIO



PROUD RECIPIENTS OF:

