



OVERVIEW

Lubrizon Engineered Polymers is more than a leading polymer solutions supplier and manufacturer—it's a proven and trusted partner to its customers. Manufacturers around the globe choose Lubrizon Engineered Polymers for its convenient, reliable solutions to the toughest application challenges.

ARMOUR AGAINST THE ELEMENTS

Oil and gas job sites demand the best protection for hose, tubes, wires and cable materials. To best protect applications from harsh elements, Lubrizon Engineered Polymers offers customizable TPU solutions that deliver superior properties and benefits.

PROPERTIES AND BENEFITS

- Abrasion, cut and tear resistance
- Low-temperature flexibility
- Resistance to most fuels, oils and greases
- Zero-halogen & low-smoke grades available
- Mud and oil resistance
- Extended-hydrolytic stability
- Inherently-microbial resistant
- Kink-resistance
- Puncture-resistance
- Pressure-resistance
- Matte to gloss finish

OIL & GAS APPLICATIONS

- Power, control & instrumentation cables
- Seismic cables
- Umbilicals
- MUX Cables
- Downhole cables
- Connectors
- Lay flat hoses
- Spiral Hoses
- Braided Hoses
- Material transfer hoses (chemicals, fuels, solids)
- Industrial hoses
- Hydraulic hoses

PRODUCT PORTFOLIO FOR OIL & GAS APPLICATIONS

Estane® TPU

Estane® TPU helps bridge the gap between flexible rubber and rigid plastics. Estane is available in hardnesses from 60A to 85D, and all grades achieve UL-94 HB.

Estane® FR TPU (Flame Retardant)

This series consists of flame-retardant TPU compounds based on halogenated and non-halogenated technologies. Designed for applications that demand lower smoke generation and higher LOI. Available grades range from UL-94 V-2 to V-0 flame ratings.

Estaloc™ RETPU (Reinforced Thermoplastic Polyurethane)

This is a fiberglass RETPU based on high-performance Estane® TPU technology. Ideal for tough, abrasion-resistant electrical connectors and enclosures that withstand demanding environments. Available grades range in hardness from 58D to 64D.

Stat-Rite® Polymer Alloys

Ideal for test and design engineers requiring permanent electrostatic dissipation (ESD) combined with toughness, abrasion resistance and durability.

Isoplast® ETP (Engineered Thermoplastics)

A high modulus, tensile strength and chemical and impact resistance, make Isoplast ideal for meeting rigid polymer requirements.



LUBRIZOL
ENGINEERED
POLYMERS

**ADVANCING MATERIALS.
ELEVATING PERFORMANCE.**

