

Innovative Sealing Solutions for Today's Oil and Gas Industry

Improve your operations with polymer and flexible graphite components that meet your most critical challenges.

The oil and gas industry is pushing the limits of conventional operations to source and access hydrocarbons. These new opportunities require innovative solutions to meet unique challenges throughout the production process.

Upstream: Exploration and Production Challenges

- High pressure, high temperature (HPHT) environments
- Extreme corrosive conditions
- Mechanical wear and tear

Midstream/Downstream: Transportation, Refining, and Distribution Challenges

- Equipment degradation
- Leaks and contamination
- Fugitive emissions

CDI's **advanced material science** delivers sealing solutions that meet requirements even under the most demanding conditions while factoring in:

- Equipment life cycles
- Strength-to-weight ratios
- Chemical compatibility
- Flammability
- Vibration and impact protection
- Temperature and pressure functionality



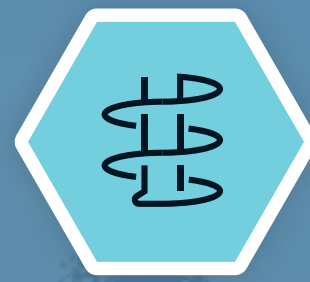
Engineered for Oil and Gas Applications

CDI provides polymer and flexible graphite sealing components that deliver long-term value for every stage of production.



Exploration

HPHT, zero leakage seals, and bearings that minimize risk and perform beyond expectations



Drilling

Versatile polymer sealing solutions for uninterrupted operations at the lowest depths



Completions

Polymer and flexible graphite solutions built to withstand the extremes of well completions, including high temperatures and chemical applications



Production

HPHT, RGD, and ED resistant seals and products that optimize wellheads, Christmas trees, and other systems



Surface and Topside

Reliable sealing components for pumps, valves, compressors, and more to reduce wear and increase throughput



Downhole

HPHT-stable, RGB, ED, and corrosion-resistant seals and components designed for adverse conditions



Subsea

Complete seal assembly solutions and a range of best-in-class polymer seals and packings

A Certified Problem-Solver

As a trusted industry leader, CDI develops and manufactures high-performance sealing solutions that meet the oil and gas industry's strict standards and regulations for human and environmental safety.

API Q1 Certified
for our Quality Management System

ISO 9001 Certification
from the API Quality Registrar

With extensive in-house capabilities and expertise, CDI can guide you through the complexities of oil and natural gas production with custom solutions for optimal production, safety, and efficiency.

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Need a Custom-Engineered Solution?

Speak with an expert about polymer and flexible graphite options designed to perform in the most demanding conditions.

[Get Started Now →](#)

