

INFOGRAPHIC

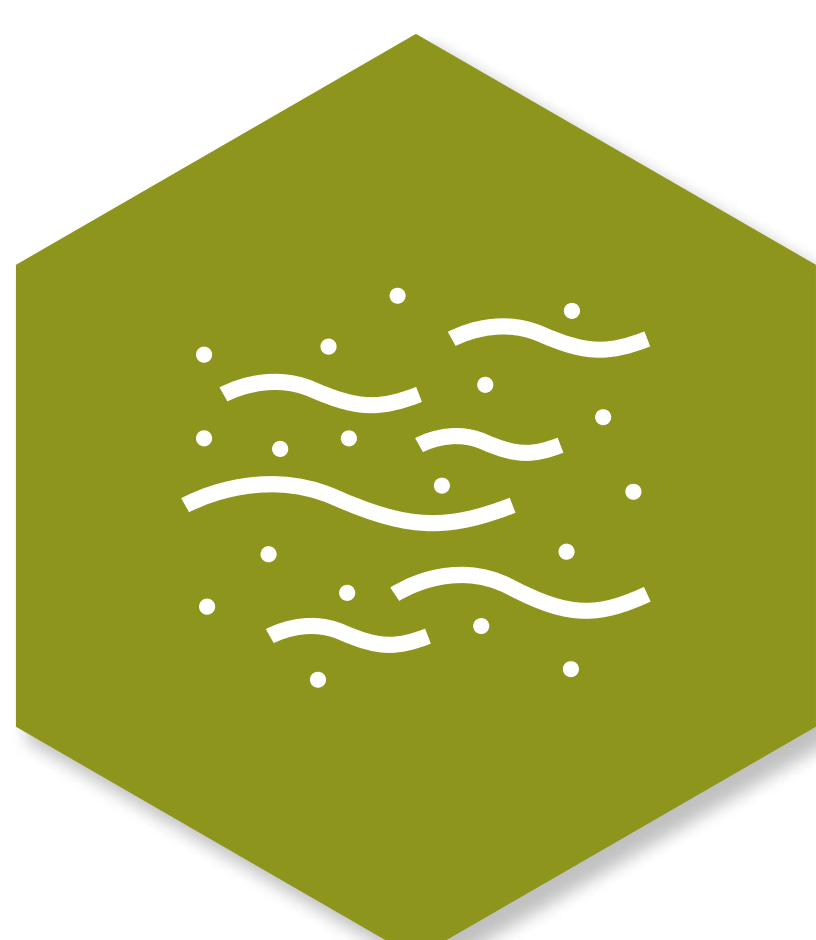
Fugitive Emissions: Next-Generation Sealing Solutions

Learn how polymeric, elastomeric, and flexible graphite seals offer distinct advantages to limit harmful gases.

Invest in Safer and Cleaner Solutions

Minimizing fugitive emissions is a key way for businesses to protect the environment and operate more cost-effectively.

Proactively mitigating equipment leaks with optimal sealing can help improve:



Air Quality



Workplace and
Community Safety



Operational Efficiency
and Cost Savings

CDI provides high-performing polymer and flexible graphite components and applications specially engineered for:

- Optimal sealing of liquids and gases in pressure-containing systems
- Leak prevention in extreme environmental conditions
- Chemical compatibility, service temperature, and pressure

Our innovative sealing products limit leakage or unintentional release of gases from components such as:

- Valves
- Pipe Flanges
- Secondary Containment Devices
- Pressurized Rotating Equipment (Pumps and Compressors)

The right sealing materials contribute to higher seal efficacy and durability for emission reduction.

New Solutions to Meet the Challenge

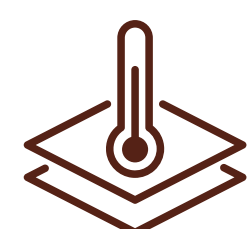
As a trusted problem-solver, CDI delivers polymer or graphite products that withstand harsh conditions for better emissions management.

We offer custom solutions for sealing devices that play a critical role in proactive emissions management, including:

- Mechanical Seals
- Piston Rings
- Compression Packing
- Gaskets
- Stem Packing

Our components deliver unique material benefits:

Flexible Graphite Seals



High-Temperature Tolerance

Minimize emissions risk with a material designed for extreme temperatures



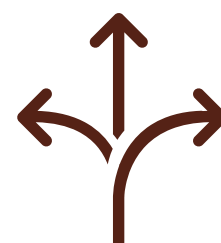
Chemical Resistance

Ensure seals remain effective even when exposed to aggressive media



Self-Lubrication

Enhance durability while minimizing wear



Versatility

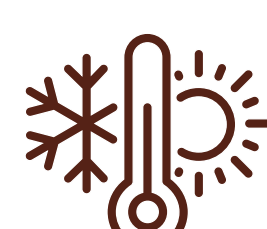
Maintain a high-pressure seal in applications from rotating equipment to flange gaskets

Polymeric and Elastomeric Seals



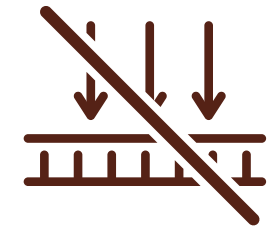
Pressure Tolerance

Provide a stable seal for liquids and gases in pressure-containing systems



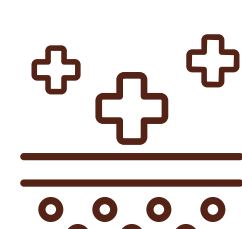
Temperature Range

Prevent leaks even with temperature fluctuations



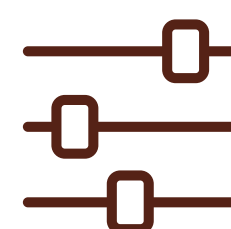
No External Loads Required

Streamline the sealing process without sacrificing capability



Lower Friction

Reduce wear and extend the life of the seal



Field Adjustability

Accommodate variations in sealing surfaces to prevent leaks

Protect the Environment by Mitigating Leaks

Speak with a CDI expert to learn more about custom-developed sealing solutions that reduce fugitive emissions.

Get Started Now →



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