



Durlon[®] Fire-Safe Gasket Solutions

**PROVEN SEALING INTEGRITY
WHEN SAFETY MATTERS MOST**

Fire Safe



DURLON[®]
SEALING SOLUTIONS

DURLON®

FIRE-SAFE GASKET SOLUTIONS

Durlon® fire-safe products are engineered to help protect people, equipment, and facilities from catastrophic leakage during fire exposure.

Backed by rigorous third-party testing and certifications to leading API, ANSI, and Shell specifications, Durlon® gaskets deliver dependable performance in the most demanding industrial environments.

Protection Under Extreme Conditions

In critical piping and equipment systems, gasket performance can become a key line of defense during fire exposure. Fire-safe gaskets are designed to maintain sealing integrity through burn, cool-down, and thermal shock conditions, helping reduce the risk of hazardous leakage when reliability is non-negotiable.

Durlon® fire-safe gaskets combine advanced materials, engineered designs, and proven sealing technologies to support safety, compliance, and operational confidence across demanding process industries.

Third-Party Tested and Validated

Durlon® fire-safe products are tested by Yarmouth Research & Technology, an independent laboratory specializing in chemical process equipment. Test results are validated by a Professional Engineer, giving manufacturers, operators, and end-users added confidence in product reliability.

Certified and tested to leading standards including:

- API 6FB
- API 6FA
- API 607
- ANSI/API Standard 607
- Shell Specification MESC SPE 85/203
- PVRC SCR Flexible Graphite Specification



Durlon® 8300

A premium compressed sheet gasket material designed for steam and hydrocarbon services in refining, petrochemical, and power generation applications. Durlon® 8300 is built to handle extremes of pressure and temperature and is suitable for oil, water, mild alkalis, mild acids, and solvents.



Durlon® 8500

A high-performance compressed gasket material for process industries including pulp & paper, food & beverage, pharmaceutical, hydrocarbon, chemical, refining, and general industrial service. Suitable for oils, water, steam, new-generation refrigerants, dilute acids and alkalis, and many other liquids and gases.

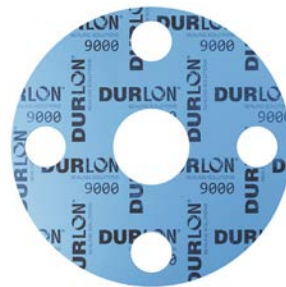
Fire Test Certification: API 6FB, 6" Class 300
Meets API 6FB tightness criteria during burn and cool-down.

Fire Test Certification: API 6FB, 6" Class 300
Meets API 6FB tightness criteria during burn and cool-down.



Durlon® 8900

A premium-grade material for service conditions up to 496°C / 925°F and continuous operating temperatures from -40°C to 400°C / -40°F to 752°F. Suitable for saturated and superheated steam, oil, dilute acids and alkalis, hydrocarbons, and solvents.



Durlon® 9000

Designed for process piping and equipment where resistance to highly aggressive chemicals is required. Durlon® 9000 is used in chemical, pulp & paper, food & beverage, and other general industrial applications. Its filler shape helps prevent wicking that can contribute to flange corrosion and conforms to FDA requirements.

Fire Test Certification: ANSI/API Standard 607, Sixth Edition,
6" Class 300 Measured leakage: 0 ml/min against a maximum
allowable external leak rate of 150 ml/min.

Fire Test Certification: API Standard 6FA, Third Edition, 6" Class 300
External flame exposure at 875°C / 1607°F average for 30 minutes.

DURLON®

FIRE-SAFE GASKET SOLUTIONS

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Durlon® HT1000®

A high-temperature gasket material made with phlogopite mica paper impregnated with an inorganic binder. With less than 4% weight loss at 800°C / 1472°F, Durlon® HT1000® is engineered for extreme temperature sealing performance up to 1000°C / 1800°F.

Fire test certification: API 607, 4th Edition with Exxon modifications. Measured leakage: 7.3 ml/min against a maximum allowable external leak rate of 300 ml/min.



Durlon® Durtec®

A corrugated metal-core gasket bonded on both sides with soft covering layers, typically flexible graphite. Its patented core technology provides strong mechanical support, while virtually un-crushable corrugations help improve performance compared to conventional corrugated metal-core gaskets.

Fire test certification: Modified API 607 Meets Shell Specification MESC SPE 85/203 and PVRC SCR Flexible Graphite Specification for FG 600 material.



Durlon® DRI-FG SWG

A spiral wound gasket made from an alternating combination of engineered metal strip and compressible filler material. The engineered metal strip acts as a spring under load, producing a resilient seal under changing service conditions.

Fire test certification: API Standard 6FB, Fourth Edition, 6" Class 300



Durlon® DRI-ETG SWG

An engineered spiral wound gasket designed to deliver resilient sealing performance under varying conditions. Its preformed engineered metal strip and compressible filler material create an excellent seal when compressed.

Fire test certifications: API 6FB, Fourth Edition 2019, Type 2 Offshore Test API 6FB, Fourth Edition 2019, Type 1 Onshore Test API 607, 4th Edition with Exxon modifications, 6" Class 300



Durlon® CFG

A corrugated flexible graphite gasket material for severe service conditions. The proprietary corrugation design provides strong sealing and recovery characteristics in refining, chemical, petrochemical, and pulp & paper applications.

Fire test certification: Modified API 607 Suitable for maximum operating temperatures up to 850°F / 450°C in air and 1200°F / 650°C in steam.

Safety Starts at the Seal

Durlon® fire-safe gaskets are engineered for industries where leakage is not an option. With a broad portfolio of compressed sheet, spiral wound, corrugated, mica-based, and isolation gasket technologies, Durlon® provides sealing solutions for critical fire-safe applications across the process industries.

Applications include:

- Refining
- Petrochemical processing
- Chemical processing
- Power generation
- Pulp & paper
- Food & beverage
- Pharmaceutical
- General industrial service



Fire-Safe Gasket Solutions

**FIRE-TESTED.
FIELD-PROVEN.
ENGINEERED FOR CRITICAL SERVICE.**

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