Global Leaders in Sealing Solutions

DURLON®
SEALING SOLUTIONS








- Compressed Non-Asbestos Sheets
- PTFE Sheets/Gaskets
- Water/Sanitation NSF/ANSI 61 Gaskets
- Flexible Graphite Sheets/Gaskets
- High Temperature Sheets/Gaskets
- Low Seating Stress Gaskets
- Semi Metallic Gaskets
- Metallic Gaskets

Experience Proven Sealing Performance



Durlon® 5000

Mineral Fiber with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B4E12K5L051M5

A good quality commercial grade compressed non-asbestos sheet with good chemical resistance for moderate service conditions suitable for oil, water, mild alkalis, mild acids, hydrocarbons and solvents.



Durlon® 7900/7925/7950

Aramid with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B3E22K5L151M5

Durlon® 7900/7925/7950 are an economy grade general service gasket sheet material made with NBR (Nitrile Butadiene Rubber) binder for mild service in piping and equipment with applications in steam, hydrocarbons and refrigerants and an alternative when temperature and pressure conditions are below 500ºF (260ºC) and 1,200 psig.



NSF Certified to NSF/ANSI/CAN 61

Durlon® 7910

Aramid with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B3E22K5L151M5

As a quality, commercial grade compressed sheet gasket material, Durlon® 7910 was specifically developed to meet the requirement of NSF/ANSI 61 (Certification for water treatment products that are manufactured, distributed or sold in North America) for potable water application 23°C (73°F) to commercial hot 82°C (180°F).

NSF International is a global independent organization that writes standards and protocols, and tests and certifies products for the food, water and consumer goods industries to minimize adverse health effects and protect the environment. www.nsf.org



Durlon® 8300

Carbon Fiber with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B3E22K5L311M5

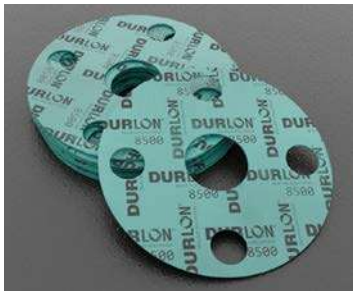
Durlon® 8300 is a premium grade compressed sheet gasket material that is excellent in steam and hydrocarbon services for the refining, petrochemical, and power generation industries. This gasket material is designed to handle the extreme pressure and temperature applications that include oil, water, mild alkalis, mild acids and solvents.



Durlon® 8400

Phenolic Fiber with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B4E22K5L911M5

With an extremely wide pH application range (2-13 at room temp.) Durlon® 8400 can be used in process piping and equipment in chemical, pulp & paper and other general industrial applications. A unique high-performance compressed sheet, Durlon® 8400 is an excellent gasket material for use in steam, mild caustics and acids.



Durlon® 8500

Aramid/Inorganic with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B3E12K5L151M6

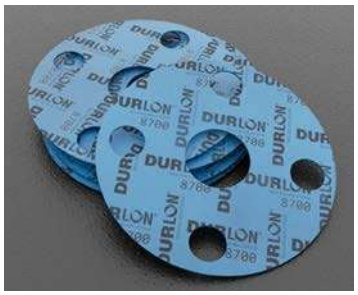
A high performance compressed gasket material for use in process industries including pulp & paper, food & beverage, pharmaceutical, hydrocarbon, chemical, refinery and general industry. Durlon® 8500 is suitable for oils, water, steam, new generation refrigerants, dilute acids and alkalis, and many other liquids and gases.



Durlon® 8600

Aramid/Inorganic with SBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712440-A9B3E24K5L152M5

Durlon® 8600 is a quality compressed sheet gasket material for use in process industries including pulp & paper, power, petrochemical as well as general industry where a "white" gasket material is often required when working with food & beverage, pharmaceutical and plastics.



Durlon® 8700

Aramid/Inorganic with CR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712330-A9B3E45K5L153M5

Durlon® 8700 is a high performance gasket material for use in processes requiring a neoprene (CR) bonded sheet and has excellent hand and die cutting characteristics. This product has excellent resistance to ozone, oils, non-aromatic solvents and many refrigerants.

Discover Innovative Sealing Technology



Durlon® 8900

Aramid-Graphite with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B2E21L101M6

A premium grade material for service conditions to 496°C (925°F) and continuous operating temperatures of -40°C to 400°C (-40°F to 752°F). Durlon® 8900 is ideal for saturated and superheated steam, oil, dilute acids and alkalis, hydrocarbons and solvents.



Durlon® 9000

Inorganic Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F452111-A9B5E11K6M6

Durlon® 9000 is for use in general industrial applications where resistance to highly aggressive chemicals is required. In addition, the shape of the fillers does not allow wicking which can cause corrosion on flange surfaces.



Durlon® 9000N

Inorganic Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F452111-A9B5E11K6M6

Durlon® 9000N is for use in general industrial applications where resistance to highly aggressive chemicals is required. In addition, the shape of the fillers does not allow wicking, which can cause corrosion on flange surfaces.



Durlon® 9002

Inorganic Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F452111-A9B5E11K6M6

Durlon® 9002 is an adaptation of the original glass-filled formula to better meet extreme cryogenic demands and is readily available through the standard manufacturing process and requires no secondary heat or cleansing treatments prior to gasket cutting. Once gaskets are cut, traditional oxygen cleaning standards must be applied for safety.

Available as oxygen cleaned gaskets, bagged, labeled, and sealed according to the European Industrial Gases Association standard for Cleaning of Equipment for Oxygen Service.



Durlon® 9200

Barium Sulfate Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F451-A9B2M6

Durlon® 9200 is a filled PTFE gasket material used where resistance to highly aggressive chemicals is required. Barium sulfate fillers are blended with pure PTFE resins to provide its physical and mechanical properties. Testing shows the fillers are more evenly dispersed than in layered filled PTFE made with the HS-10 method. This results in more consistent properties without the voids, separation, and chemical compatibility issues found in layered filled PTFE.



Durlon® 9400

Carbon Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F452111-A9B5E11K6M6

Durlon® 9400 is a filled PTFE gasket material designed for piping and industrial applications requiring resistance to aggressive chemicals such as hydrofluoric acid. It is suitable for anhydrous hydrogen fluoride tank cars and as an alternative to barium sulfate filled PTFE. Used in metal manufacturing and petroleum production, hydrogen fluoride is highly corrosive, and Durlon® 9400 gaskets provide reliable sealing, durability, and flexibility in these conditions.



Durlon® 9600

Expanded PTFE
100% Pure PTFE Gasket Material
ASTM F104: F428111-A9B4E11M6

Durlon® 9600 is a biaxially expanded PTFE gasket made from pure PTFE resins for use in process piping and equipment in industries requiring resistance to aggressive chemicals. It seals well on irregular flanges while avoiding cold flow and excessive hardness. The material is easy to cut, removes cleanly after use, and is FDA compliant and certified to ABS PDA and USP Class VI standards, providing durable and flexible sealing performance.

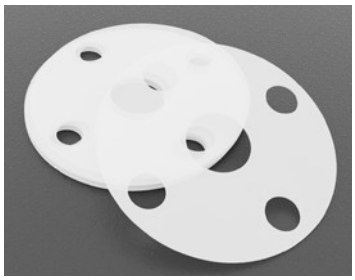


Durlon® 9645

Microcellular PTFE with Rigid PTFE core
ASTM F104: F497130E21M4

Durlon® 9645 is a biaxially oriented PTFE sheet that delivers strong chemical resistance and reliable sealing for demanding applications. It performs from cryogenic temperatures to 260°C and handles media across the full pH range. Its micro-porous structure enables compressibility and effective sealing at low bolt torque while conforming to irregular flanges. A rigid core reduces creep and cold flow, improving durability and making it a reliable alternative to envelope gaskets.

Delivering Performance You Can Trust



Durlon® Virgin PTFE

100% Pure PTFE Gasket Material
Available in two grades:
Skived and Reprocessed

Durlon® Virgin PTFE gasket material is a high performance product designed for use in piping and equipment in chemical and general industrial applications where resistance to highly aggressive chemicals, including hydrofluoric acid, is required. It is manufactured using only pure PTFE resins and offers high dielectric strength along with excellent sealability characteristics. The material is easy to cut and separates cleanly from flanges after use.



Durlon® Joint Sealant

100% Pure Expanded PTFE
Gasket Material

Durlon® Joint Sealant is a highly fibrillated expanded PTFE form in place sealant for gasketed joints that conforms to FDA requirements. It is supplied on spools in various thicknesses with a high quality adhesive backing that simplifies installation. The sealant is ideal for worn flanges of all sizes and does not depend on flange dimensions.



Durlon® Flexible Graphite

Homogeneous, 316SS Foil Insert
316SS Tang Insert, 316SS Multilayer

Durlon® Flexible Graphite resists heat across a wide temperature range, offers low electrical resistivity and high thermal conductivity, and is suitable for cryogenic use. It is available in homogeneous and laminated styles with various core materials and can be customized with inhibitors or grades of graphite. Standard options include **FGS95, FGL316, FGT316**, and **FGM316**, each designed for reliable performance in demanding industrial applications.



Durlon® RCA®

Reduced Contact Area Full Face Gasket
PTFE & Compressed Non-Asbestos
Gasket Material

RCA® is a registered trademark of Gasket Resources Inc.

The Durlon® RCA® sealing system combined with Durlon® PTFE styles can replace standard full gaskets in FRP, PVC, and other nonmetallic and metallic pipe flanges where low stress is required. The RCA® configuration can be cut from standard PTFE and compressed non asbestos sheets, offering cost savings compared to other low stress gaskets. It is available in one sixteenth and one eighth inch PTFE and compressed non asbestos styles.



Durlon® LT 100 - EPDM/PTFE

Pure PTFE, Bonded to EPDM

Durlon® LT 100 is a high performance gasket for low torque, chemically demanding applications, combining expanded PTFE with a peroxide cured EPDM base. It offers low compression set for long term sealing under minimal bolt load and varying temperatures. Designed for plastic and non metallic flanges, it features a dual rib profile for broad compatibility and a PTFE shield for enhanced protection. Made with FDA compliant materials, it suits regulated industries requiring reliable sealing.



Durlon® LT 200 - Viton®

100% Pure Genuine Viton®

Durlon® LT 200 is precision molded as a single unit using Genuine Viton, ensuring high performance without lower grade materials. Its double rib design enhances sealing on flat face and raised flanges, providing versatile application. It performs well in steam, caustic, and aggressive chemical environments. A post curing process improves compression set, supporting reliable and long term sealing in demanding industrial applications.



Durlon® LT 300 - EPDM

100% Pure EPDM (Peroxide Cured)

Durlon® LT 300 is precision molded from 100 percent high performance EPDM elastomer, providing durability and reliability. Its double rib design enhances sealing across flat face and raised flange applications. It delivers the lowest gasket stress in the LT Series, making it ideal for applications requiring minimal sealing force while maintaining strong sealing integrity across a wide range of industrial environments.



Durlon® iGuard™

Isolation & Sealing Kits
Styles: Type F, Type E, and Type D

Durlon® iGuard™ flange isolation and sealing kits are designed for flanges and piping systems to create a dielectric break that provides cathodic protection, helps prevent corrosion, and isolates electrical current within the system. Gaskets are available in Type F, Type E, and Type D styles, covering sizes from NPS ½ inch to NPS 144 inch, and meet AWWA, ANSI, API, DN, JIS, and other international standards.

Rely On Proven Performance



Durlon®

PATENT PENDING

SecureSnap™

Inorganic Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F452111-A9B5E11K6M6

Our next level manway sealing for the rail car industry features a universal style gasket that fits multiple model sizes. The SecureSnap™ gasket installs quickly as flexible tabs snap into the groove, eliminating tight tolerances. Its flexibility improves versatility by allowing one gasket to fit multiple manway systems, subject to approval, helping distributors reduce inventory requirements and overall costs.



Durlon® HT1000®

Phlogopite Mica with Silicone Binder
S90, L316, T316

HT1000® is a registered trademark of Triangle Fluid Controls Ltd.

Durlon® HT1000® is made from phlogopite mica paper with a low level of inorganic binder, providing less than 4% weight loss at 800°C and sealing performance up to 1,000°C. It can be used alone or with carrier materials in high temperature equipment across refinery, power, and chemical industries. Available options include **S90** without a carrier, **L316** with a thin stainless steel layer, and **T316** with a perforated stainless steel carrier.



Durlon® CFG

Corrugated Flexible Graphite Gasket

Durlon® CFG is a corrugated flexible graphite gasket material designed for severe service conditions, offering superior sealing and recovery in refining, chemical, petrochemical, and pulp and paper industries. It is suitable for steel, oil, mild acids and alkalis, hydrocarbons, and solvents. The material features flexible graphite bonded to a corrugated 316 stainless steel core and is available in standard and optional thicknesses.



Durlon® Durtec®

Specially Engineered
Metal Core Technology

Durtec® is a registered trademark of Triangle Fluid Controls Ltd.

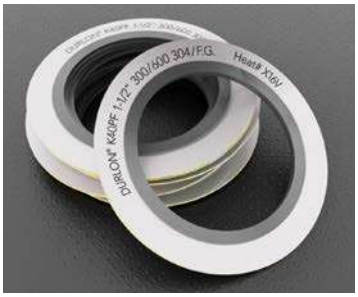
Durlon® Durtec® gaskets feature a machined metal core bonded on both sides with soft layers such as flexible graphite. The core is engineered to provide strong mechanical support and is virtually uncrushable compared to conventional corrugated metal cores. Precision construction ensures excellent sealing performance, even under low bolt loads.



Durlon® SWG

Spiral Wound Gaskets
Style: D, DR & DRI
ASME B16.20 Standards

Durlon® Spiral Wound Gaskets combine a preformed metal strip with a compressible filler to create a reliable seal under compression. The metal strip acts as a spring, providing resilience under varying conditions. Material options allow use across many applications. Class 150 and 300 styles are manufactured to precise tolerances with optimized winding density, enabling effective sealing at lower bolt loads and eliminating the need to stock both standard and low stress gaskets.



Durlon® Kammprofile

Serrated Flat Metal Gaskets
Grooved metal gasket with covering layers

Durlon® Kammprofile gaskets feature a solid metal core with concentric serrations on both faces, typically made of stainless steel but available in other alloys upon request. The serrated core is covered with a soft sealing material selected based on service conditions, most commonly flexible graphite or expanded PTFE.



Durlon® ETG

Extreme Temperature Gaskets
SWG/Durtec®/Kammprofile

Durlon® Extreme Temperature Gaskets are engineered for sealing joints exposed to temperatures above 650°C and up to 1,000°C. At these extremes, maintaining flange assembly torque is critical for a tight seal. Durlon® ETG combines an oxidation resistant boundary material with the stability and sealing performance of flexible graphite to preserve seal integrity and retain initial assembly torque.



Durlon® RTJ

Ring Type Joint Gaskets
Styles: R, RX, BX

Durlon® RTJ gaskets are precision machined from solid metal for high pressure and high temperature service. They seal through high unit load metal to metal line contact with specially matched flanges. The gasket design and cross section are selected based on the flange configuration and the system's maximum pressure.

Driven by Trusted Sealing Technology

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OUR CUSTOM CAPABILITIES

Durlon® prides itself in offering high-quality fabricated sealing components with high-precision and fast turnaround capabilities. Our state-of-the-art research and development facilities are geared to meet the ever-changing demands required in today's variety of service conditions. This is the reason why we use some of the most modern and sophisticated processes to meet your custom needs.

The following list of our custom capabilities is why we invest back into our companies to bring you the very best in sealing solution technology.

- Flash Cutter
- PTFE Welding
- CNC Lathe Cutting
- Custom Fabricated Metallic Gaskets
- Custom Metallurgy
- Kammprofile/Durtec® Gaskets
- Laser Metal Cutting Machine
- Water Jet Cutting
- Hydraulic Bender
- Laser Marking
- RCA® Gaskets
- PTFE Manufacturing/Precision Skiving
- AutoCad and Design
- Lab Capabilities
- Metal Tracing

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