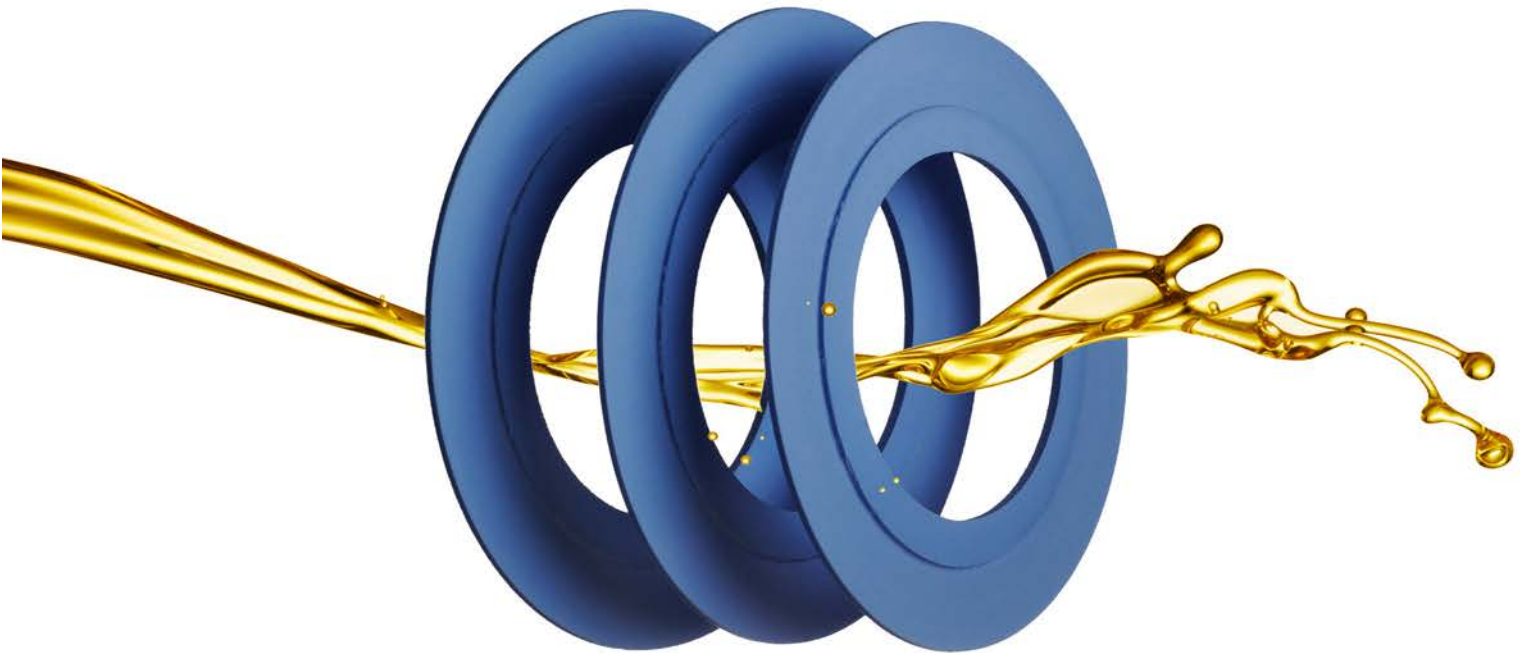


DURLON® PRODUCT CATALOG



DURLON™
SEALING SOLUTIONS

COMPRESSED SHEETS



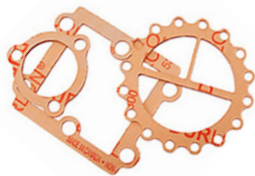
ECONOMY SHEET

Manufactured to the highest standards, our Durlon® economy compressed sheet gasket materials are used in general purpose applications. The materials outperform other traditional economy sheets with their compressibility, recovery, and ability to maintain a tight seal across a wide range of applications.

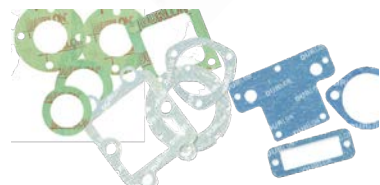
This superior sealability is proven to significantly lower emission levels, while the homogeneity and consistency of ingredients provides for improved handling. All full-sized economy sheets are date coded and quality assurance and traceability. Our economy compressed sheets include the following available options:



Durlon® 5000 (light green) is a commercial grade gasket sheet made of high strength mineral fibers and NBR. It is designed for moderate service conditions and is suitable for a continuous operating temperature of 450°F (232°C). With the ability to handle pressures up to 1000 psi (69 bar) at ambient temperatures, this sheet can be used in environments containing steam, oils, water, mild alkalis and acids, hydrocarbons, and solvents.



Durlon® 5300 (rust) is a commercial grade compressed non-asbestos sheet gasket material for moderate service conditions. It is suitable for a continuous operating temperature of 450°F (232°C); or a maximum pressure of 1000 psi (69 bar) at ambient temperature. Durlon® 5300 has the ABS Product Design Assessment (PDA) Certificate 14-HS1146798-PDA for intended service in marine and offshore applications. It is suitable for steam, oil, water, mild alkalis and acids, hydrocarbons and solvents.



Durlon® 7900 (white), **7925** (green) and **7950** (blue) contain high-strength aramid and inorganic fibers bonded with high-grade Nitrile (NBR) rubber. An economy grade general service compressed sheet with NBR rubber binder for mild service in piping and equipment and OEM applications in steam, hydrocarbons and refrigerants. The 7900 series is suitable for a continuous operating temperature of 500°F (260°C); or a maximum pressure of 1200 psig (83 bar) at ambient temperature.



Durlon® 7910 (white) is a good quality general service gasket for applications where an NSF/ANSI 61 Certified gasket material is required. It is suitable for potable water, steam, oil, water, mild alkalis and acids, hydrocarbons and solvents; and for applications in the water treatment and reclamation, wastewater and plumbing industries. It is suitable for a continuous operating temperature of 500°F (260°C); or a maximum pressure of 1200 psig (83 bar) at ambient temperature.



DuraSwell® 7760 (off-white) reacts with by a controlled swell when in contact with oils and fuels which assists to increase gasket stress in applications that require increased gasket loading that may be previously limited due to insufficient bolting or flange design factors. Applications include fuel systems, pulp and paper tall oils, oils, coolants and heavy duty equipment applications such as oil pan covers, gear case and flywheel housings. It is suitable for a continuous operating temperature of 400°F (205°C); or a maximum pressure of 1000 psig (69 bar) at ambient temperature.

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COMPRESSED SHEETS



PREMIUM SHEET

Durlon® premium compressed gasket materials are high-density products that contain the most homogenous combination of minerals, elastomers, and synthetic fibers. They possess excellent flexibility and recovery that prevents the material from breaking during cutting and installation, and guarantees a tight seal during thermal cycling. An anti-stick coating is applied to both sides of all gaskets to allow for easy installation and removal. Our premium compressed sheet gaskets include the following available options:



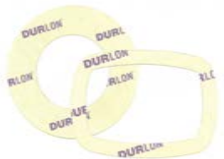
Durlon® 8300 (black) contains high-strength carbon fibers bonded with nitrile (NBR) synthetic rubber. Durlon® 8300 is premium grade compressed sheet gasket material that is excellent in steam and hydrocarbon services in the refining, petrochemical and power generation industries. It is suitable for a continuous operating temperature of 650°F (343°C); or a maximum pressure of 2000 psig (139 bar) at ambient temperature.



Durlon® 8400 (gold) contains high temperature phenolic fibers and minerals combined with high-grade Nitrile NBR rubber. With an extremely wide pH application range, Durlon® 8400 can be used in process piping and equipment in chemical, pulp and 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 in Class 150 and 300 services. It is suitable for a continuous operating temperature of 554°F (290°C); or a maximum pressure of 1500 psig (103 bar) at ambient temperature.



Durlon® 8500 (green) contains high-strength aramid and inorganic fibers bonded with high-grade Nitrile (NBR) rubber. A high quality general service gasket material for use in a wide range of services in pulp and paper, food, beverage, pharmaceutical, chemical, refinery, gas pipeline and general industry. Durlon® 8500 exhibits good compressibility and recovery, excellent sealability, flexibility and cutting characteristics. It is suitable for a continuous operating temperature of 548°F (287°C); or a maximum pressure of 1500 psig (103 bar) at ambient temperature.



Durlon® 8600 (white) contains high-strength aramid and inorganic fibers bonded with high-grade SBR rubber. A quality compressed sheet gasket material for use in process industries including pulp and paper, power, petrochemical as well as general industry where a “white” gasket material is often required such as food and beverage, pharmaceutical and plastics. It is suitable for a continuous operating temperature of 548°F (287°C); or a maximum pressure of 1500 psig (103 bar) at ambient temperature.



Durlon® 8700 (blue) contains high-strength aramid and inorganic fibers bonded with high-grade neoprene rubber. Durlon® 8700 is a high performance gasket material for use in processes requiring a neoprene (CR) bonded sheet such as refrigeration services. This product has excellent resistance to ozone, oils, non-aromatic solvents and many refrigerants. It is suitable for a continuous operating temperature of 548°F (287°C); or a maximum pressure of 1500 psig (103 bar) at ambient temperature.



Durlon® 8900 (black) is a premium grade compressed non-asbestos sheet gasket material for service conditions to 925°F (496°C) and continuous operating temperatures of -100°F to 752°F (-73°C to 400°C). It was specially developed to withstand high temperature and achieved the requirements of the Fire Test Certification ANSI/API 607, 6th Edition with zero leakage. It contains high strength fibers and graphite fillers bonded with high performance nitrile (NBR) synthetic rubber. Rubber level was optimized to obtain a flexible sheet with good cutting properties without compromising on physical properties at high temperature.



DURLON® PTFE MATERIALS

Due to its ability to withstand harsh environment conditions, PTFE gaskets are often used within industries that require resistance to aggressive chemicals, including chemical processing, pulp and paper, pharmaceuticals, rail tank cars, and more. Gasket Resources, Inc. manufactures several different types of PTFE materials to accommodate the diverse sealing applications seen in these industries and more. All of the following Durlon® PTFE sheet products are available in full sheets or as cut gaskets:



Durlon® 9000/9000N are inorganic fillers homogeneously blended with pure PTFE resins. Durlon® 9000 (blue) and 9000N (white) are designed for applications where resistance to highly aggressive chemicals is required. Both styles 9000 and 9000N, (including branding) conform to FDA requirements and are suitable for operating temperatures of -350 to 520°F (-212 to 271°C); or a maximum pressure of 1500 psig (103 bar) at ambient temperature. Durlon® 9000 has been proven through the "Test Protocol" of the Chlorine Institute and is listed as an acceptable gasket material for Dry Chlorine service (both liquid and gaseous) in Pamphlet 95, Edition 3 of the Chlorine Institute. Durlon® 9000/9000N has been independently tested and certified (BAM) for Oxygen service at pressures up to 585 psi (40 bar) and temperatures up to 392°F (200°C), and for service in liquid oxygen.



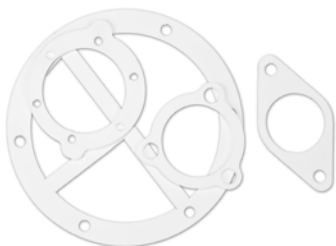
Durlon® 9002 is an adaptation of the original glass-filled formula to better meet extreme cryogenic system demands. Durlon® 9002 has passed both gaseous, [up to 260°C (500°F) and 52 bar (754 psi)] and liquid oxygen tests performed by BAM Federal Institute for Materials Research and Testing. Durlon® 9002 has also been tested for LOX Mechanical Impact Sensitivity, passing with zero reactions out of twenty tests (0/20) at a test reaction frequency of 0%. Durlon® 9002 is readily available through the standard manufacturing process and requires no secondary heat or cleansing treatments prior to gasket cutting. Durlon® 9002 comes 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® 9200W (white) is a barium sulfate fillers homogeneously blended with pure PTFE resins designed for use in aggressive chemicals including caustics, hydrogen peroxide, sodium hypochlorite, nitric acid, liquors, and digester in pulp and paper service. Durlon® 9200W is also used for hydrofluoric acid service at moderate concentrations and temperatures or where a barium sulfate filled PTFE gasket material is specified within a temperature range of -350°F to 520°F (-212°C to 271°C), or with pressure up to 1500 psi (10.3 MPa). Style 9200W (white, branded) conforms to FDA requirements.



Durlon® 9400 (black) is made of pure PTFE resins combined with carbon fillers homogeneously dispersed throughout the compound. It is a high performance filled PTFE gasket designed for use in piping and equipment in chemical, pharmaceutical, food, and other general industrial applications. Durlon® 9400 is resistant to highly aggressive chemicals including for both anhydrous and aqueous hydrogen fluoride, and hydrofluoric acid. Style 9400 conforms to FDA requirements and also demonstrates good electrical conducting properties. It is suitable for operating temperatures of -350 to 550°F (-212 to 288°C); or a maximum pressure of 1500 psig (103 bar) at ambient temperature.



Durlon® 9600 (white, unbranded) is an expanded PTFE gasket material made with only pure PTFE resins. It is suitable for use in steel flanges as well as flanges where a highly compressible gasket is required. Durlon® 9600 is also suitable for sealing flanges with irregular surfaces. It does not exhibit the cold flow problems associated with virgin PTFE or the hardness problems of some other filled PTFE products. Durlon® 9600 is designed for use in process piping and equipment in chemical, pulp and paper, food and beverage, and other general industrial applications where resistance to highly aggressive chemicals is required. Style 9600 conforms to FDA requirements and is suitable for operating temperatures of -350 to 600°F (-212 to 316°C); or a maximum pressure of 1800 psig (124 bar) at ambient temperature.

SPECIALTY GASKETS

DURLON® 9000 STEP RING GASKETS

Durlon® 9000 Step Ring Gaskets improved upon the original bonded or “glued” design of the Step Ring Gasket by being lathe cut from a single piece of Durlon® 9000 material while maintaining the same dimensional design. The one solid piece design eliminates the possibility of the gasket sections separating during disassembly. The Durlon® 9000 Step Ring Gasket design prevents unwanted down time and maintenance costs due to a separated gasket traveling down the pipe and ending up in a pump or valve.

Durlon® 9000 filled PTFE is compatible with sulfuric acid in all concentrations and has excellent physical properties such as sealability and recovery that maintain the seal even with extreme thermal cycling. Durlon® 9000 Step Ring Gaskets will not cold flow into the pipe ID or outside the flange OD like other materials.

Applications include 150# RF (Floating) Lap Joint Flanges and Mondri™ Ductile Iron Sulfuric Acid Piping. Used extensively in Sulfuric Acid plants often found in phosphate refineries, Durlon® 9000 Step Ring Gaskets have provided excellent service for many acid producers in a variety of demanding applications.

DURLON® RCA™

Durlon® Reduced Contact Area Gasket (RCA™) is a full face gasket sealing system designed for sealing applications that require low gasket stresses. Our RCA™ configuration reduces total gasket contact area resulting in lower seating stress at a given torque level while preventing flange rotation. The Durlon® RCA™ are fabricated with identification tabs and alignment guides for easy identification and installation.

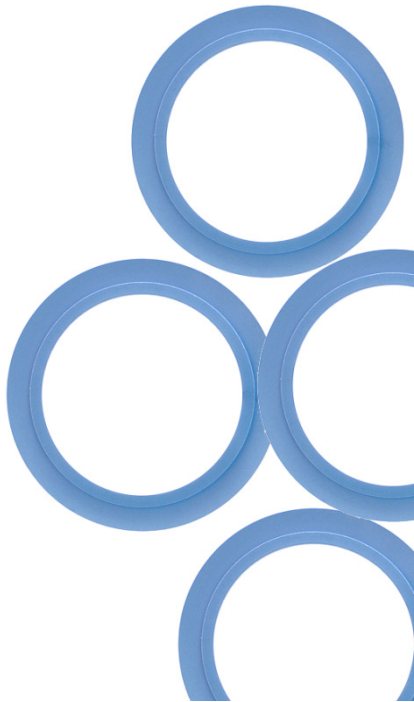
Durlon® RCA™ sealing system combined with Durlon® materials can replace standard full face gaskets in FRP, PVC, KYNAR® or similar non-metallic pipe flanges and vessels. The RCA™ design provides leak free performance in low bolt stress applications without the hassle of cracked flanges.

Durlon® Reduced Contact Area Gaskets (RCA™) are available in standard 1" to 24" Class 150# Full Face sizes. Durlon® RCA™ can be cut from 1/16" and 1/8" thick Durlon® PTFE sheet, and 1/16" thick Durlon® compressed material. RCA™ fabricated from Durlon® PTFE are oxygen service qualified and conform to FDA.

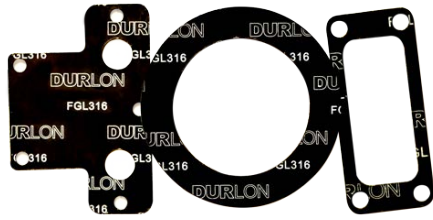
KYNAR® is a registered trademark of Elf Atochem North America, Inc.

WELDED GASKETS

Gasket Resources Inc. developed a proprietary process that produces welded Durlon® filled PTFE gaskets with outside diameters that exceed 60 inches. Large, welded Durlon® filled PTFE gaskets provide a reliable one-piece constructed gasket, eliminating the typical need for dovetails and associated leak paths that are common in sectioned large diameter gaskets. All Durlon® welded PTFE gaskets are factory-produced and marked “Factory Weld” to ensure that the welds conform to Gasket Resources Inc.’s high standards. To maintain these standards, we manually inspect each gasket and only implement the weld-point stamp upon approval.



FLEXIBLE GRAPHITE



DURLON® FLEXIBLE GRAPHITE

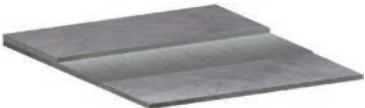
Durlon® Flexible Graphite is unaffected by heat over a wide range of temperatures. It exhibits low electrical resistivity and high thermal conductivity and is suitable for cryogenic temperatures. This product is suitable for applications in the automotive, refining and petrochemical plant processes.

Durlon® Flexible Graphite is available in several styles with a temperature rating up to 1200°F (650°C) Steam; and max pressure of 3,000 psi (20.7 MPa). These include homogeneous sheet and laminated styles with various types of core materials:



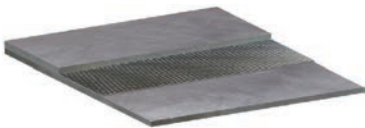
FGS95

Standard industrial grade sheet containing no binders or resins. Used in industrial applications such as oil refineries, power plants and chemical process plants.



FGL316

Standard industrial grade sheet laminated with an adhesive bond on both sides of a .002" thick 316 stainless steel foil insert. Used where high performance and handleability are important.



FGT316

Standard industrial grade sheet mechanically bonded on both sides of a .004" thick 316 stainless steel metal tang core. Used where stresses and pressures are high and improved handleability is important.

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WHY USE FLEXIBLE GRAPHITE?

A typical high-temperature application is considered to hover around 700-800° F. For extreme and super-heated steam applications, that number reaches up to 1,000°F. At these temperatures, graphite can actually oxidize and become powder in a matter of seconds if operating in an oxygen-enriched environment. Therefore, gaskets for extreme temperatures must be protected.

With the appropriate sealant enabling it to withstand harsh conditions, flexible graphite remains unaffected by exposure to heat across a wide temperature range; this makes it the go-to material for high-temperature gaskets.

Surprisingly, flexible graphite is a bit of a misnomer, as sheets are generally inflexible, rigid, and at risk of breaking. GRI is proud to have pioneered a manufacturing process that allows us to create a flexible graphite sheet capable of retaining dimensional shape and bouncing back under extreme pressures and high temperatures.

Our flexible graphite sheets can be cut into any shape and size, allowing us virtually unlimited gasket capabilities.

HIGH TEMPERATURE



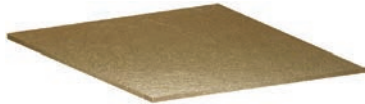
DURLON® HT1000®

Durlon® HT1000® consists of phlogopite mica paper impregnated with an inorganic binder at less than half the binder amount found in a typical vermiculite-phyllsilicate filled product. This lower binder content allows for superior weight retention, less than 4% weight loss at 1,472°F (800°C), and results in ultimate extreme temperature sealing performance up to 1,800°F (1,000°C). It is flexible, elastic, has a high tensile strength, and ensures efficient sealing and performance characteristics in extreme temperature applications commonly found in the refinery, power generation, and chemical industries.

Sheets and Cut Gaskets HT1000® are available in 3 styles:

HT1000®-S90

Phlogopite mica paper impregnated with an inorganic binder and no carrier.



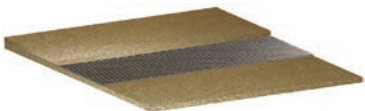
HT1000®-L316

Phlogopite mica paper impregnated with an inorganic binder laminated with a 0.002" thick stainless steel carrier.



HT1000®-T316

Phlogopite mica paper impregnated with an inorganic binder laminated with a 0.004" thick stainless steel perforated carrier.

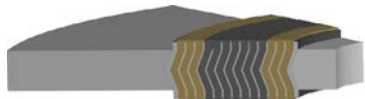


EXTREME TEMPERATURE GASKETS (ETG)

Durlon® Extreme Temperature Gaskets (ETG) have been engineered to provide the preeminent solution to sealing gasketed joints having exposure to high temperatures, typically greater than 1,200°F (650°C) and up to 1,800°F (1,000°C). Durlon® ETG has combined an oxidation boundary material with the excellent stability and sealing characteristics of flexible graphite in order to preserve seal integrity and to retain the initial assembly torque. The Durlon® ETG's engineered design principle is focused around providing oxidation protection zones around the central oxidation inhibited flexible graphite sealing component.

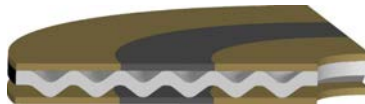
DRI-ETG Spiral Wound

As both mica and graphite offer outstanding natural chemical resistance, the Durlon® DRI-ETG is also capable of withstanding many aggressive chemicals and environments subject to elevated temperatures. The DRI-ETG can be manufactured in virtually any metal alloy combination required by the application.



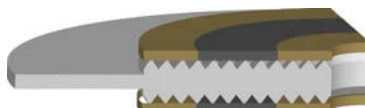
Durtec® ETG

On both faces of the unique core design lays a central oxidation inhibited flexible graphite ring surrounded on its ID and OD with a ring of HT1000® which acts as the oxidation barrier. The entire combination of materials and core design provides unsurpassed bolt torque retention, fire safety, sealability and extreme temperature resistance to 1,800°F (1,000°C).

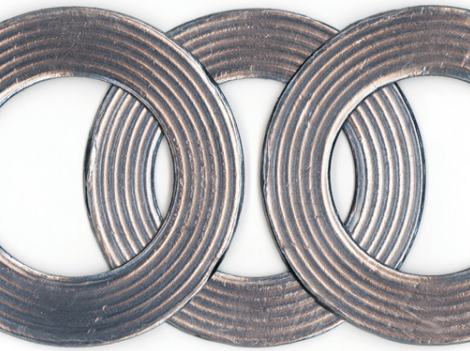


K40-ETG Kammprofile

Durlon® K40 Kammprofile Gaskets naturally provide a tight seal with enhanced load bearing and distribution abilities but with the addition of the ETG engineered design concept similar to that used on the Durtec®-ETG, Durlon® K40-ETG gaskets can now offer those abilities at extreme temperatures up to 1,800°F (1,000°C).



SEMI-METALLIC



CORRUGATED FLEXIBLE GRAPHITE

Durlon® Corrugated Flexible Graphite (CFG) will maintain a tight seal in a wide range of initial seating stresses making it the universal replacement for spiral wound, double jacketed and traditional flexible graphite gaskets. Durlon® CFG are blow out resistant, excellent in thermal cycling and severe vibration services, and seal imperfect flanges. Safer and easier to install than traditional flexible graphite, Durlon® CFG have passed the modified API 607 fire test and are suitable in operating maximum temperatures of up to 850°F (450°C) in air or 1200°F (650°C) in steam. Manufactured at a standard 3/32" thickness, CFG are suitable for applications found in refining, power generation, petrochemical, steel mills and more.



DurCore

The Difference is in the Core

Durlon® gaskets with DurCore® technology are virtually uncrushable due to the proprietary design of the corrugated metal profile core. Precision construction guarantees that gaskets made with DurCore® Technology will have excellent sealing characteristics, even under low bolt loads. DurCore® technology is designed to withstand high temperatures and pressures, resist blowouts, and withstand toxic and/or corrosive chemicals. The design of the DurCore® also makes it an excellent choice for tough-to-seal cyclical pressure and temperature applications.

DURCORE®

Durlon® 9600 with DurCore® technology is designed to withstand the demanding high vibration, elevated temperatures, and aggressive chemicals in the pulp and paper industry. Common applications for the Durlon® 9600 with DurCore® can be found in the lime kiln and in the pulp mill areas. The Durlon® 9600 with DurCore® can also replace PTFE-filled spiral wound gaskets in any application where required. They are suitable for operating temperatures of -328 to 600°F (-200 to 316°C); or a maximum pressure of 4600 psig (320 bar) at ambient temperature.

DURTEC®

Durtec® with DurCore® technology is a fire safe gasket designed to withstand high temperatures and pressures, resist blowouts, and resist toxic and/or corrosive chemicals. The graphite face has passed the modified API 607 fire test. Durtec® gaskets are suitable for operating temperatures of -328°F (200°C) up to 850°F (454°C) for standard flexible graphite, 1,050°F (566°C) for inhibited graphite, and 1,200°F (649°C) in steam; or a maximum pressure of 4600 psig (320 bar) at ambient temperature.



FIRE SAFE

Passed the modified
API 607 fire test

THE DURTEC® ADVANTAGE

- **Well Designed:** Superior core technology
- **Fire Safe:** Graphite passed the modified API 607 fire test (SS316L)
- **Blowout Resistant:** Metal core provides resistance to internal pressure spikes
- **Reusable:** The core may be refaced with new material and reused, providing lower cost of ownership
- **Ease of Use:** Easy to install and safe to handle
- **Tight Seal:** Leak-proof seal with lower bolt loads compared to spiral wounds and Kamm Profile gaskets

SPIRAL WOUND GASKETS

DURLON® SPIRAL WOUND GASKETS

Durlon® Spiral Wound Gaskets (SWG) are made with an alternating combination of a preformed engineered metal strip and a more compressible filler material which creates an excellent seal when compressed. The engineered shape of the metal strip acts as a spring under load, resulting in a very resilient seal under varying conditions.

The strip metallurgy and filler material can be selected to seal a wide range of applications. All Durlon® SWG styles have been engineered to precise manufacturing tolerances that allow for lower stress (bolt load) sealing compared to conventional spiral wound gaskets. All Durlon® SWG are manufactured according to ASME B16.20 standards.

There are three styles of standard Durlon® Spiral Wound Gaskets:

Style D

Sealing element

Commonly used in tongue and groove or male and female flanges.

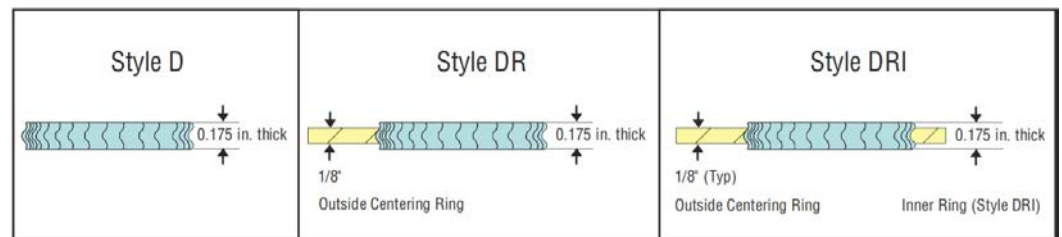
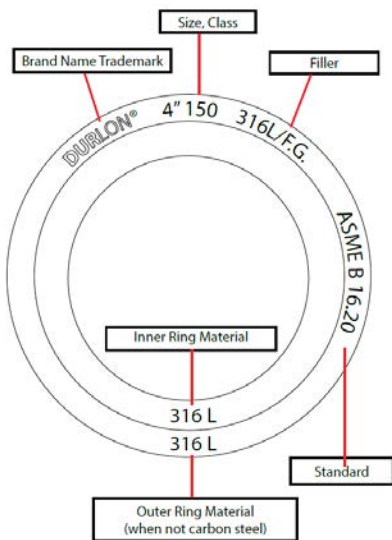
Style DR

Sealing element (D) centering ring (R) which acts as a compression stop

Commonly used in tongue and groove or male and female flanges.

Style DRI

Sealing element (D) centering ring (R) and inner ring (I) which protects the sealing element from erosion, inward buckling and improves radial strength



In accordance with ASME B16.20 (current version), inner rings for all gaskets are recommended for all sizes, materials, and classes. Recommended for all PTFE filled gaskets and the following:

- Class 900-NPS 24" and larger
- Class 1500-NPS 12" and larger
- Class 2500-NPS 4" and larger

Durlon® Style DR and DRI gasket centering rings (in carbon steel) are epoxy coated to provide protection against corrosion.

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IDENTASEAL® Made with 100% Genuine Viton™

THE CHALLENGE

Due to the overwhelming number of black elastomers and the many types of fluoroelastomer materials confusion often occurs — leading to the wrong gasket or seal being used in critical services. This confusion can result in catastrophic gasket and seal failures.

THE SOLUTION

Gasket Resources Inc. announces a breakthrough in material identification... the first color coded sealing material family manufactured from 100% Genuine Viton™ fluoroelastomer. These materials have been extensively tested by third party laboratories (please see third party testing data sheet) and proven to be as chemical and temperature resistant when compared to carbon black filled materials while maintaining excellent physical properties in service.

GRI™ and Identa-Seal® are trademarks of Gasket Resources Inc.
Viton™ is a registered trademark of The Chemours Company™
Gasket Resources Inc. is a The Chemours Company™ Elastomers licensee



OVERALL FEATURES AND BENEFITS

- Only 100% Genuine Viton™ fluoroelastomers from The Chemours Company™ Elastomers used in the manufacture of Identa-Seal®
- Exclusive Identa-Seal® Color Code
- Ideal for standardization programs and process safety enhancements
- Eliminates risky and costly material mix-ups
- Independently third party tested and proven*

TEMPERATURE AND CHEMICAL PERFORMANCE

- Compared to other elastomer parts, Identa-Seal® is able to better withstand high temperatures while retaining its good mechanical properties
- Continues to show excellent chemical resistance throughout the recommended temperature range
- Oil and chemical resistance at elevated temperatures
- Serviceable in dynamic applications to temperatures of:
 - 17° for GRI-A
 - 13° for GRI-B
 - 6° for GRI-GF-S

AVAILABILITY

- Sheet
- Fabricated Gasket
- O-Ring
- Quad-Ring

*Refer to third party testing data sheet.

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DURLON® PRODUCTS

"Insist on Authentic Durlon® Brand Gasketing. It is Your Guarantee of Quality Production, Performance and Technical Support."

ECONOMICAL & PREMIUM COMPRESSED SHEETS

As a result of our unique ingredients and advanced proprietary manufacturing process, Durlon® gasket materials are superior to other product offerings in areas that matter to the end users and distributors such as cutability, consistency and exacting tolerances. All of these make Durlon® gasket materials easy on tooling for high speed or hand-cut projects alike. A new proprietary anti-stick formulation on Durlon® allows compressed non-asbestos gasket and sheet materials to produce a clean pass on the MIL-G24696B Navy Adhesion Test. This new formulation makes the installation and removal of Durlon® compressed materials a cleaner and easier process for all applications.

Durlon® compressed gasket materials are high density products featuring the most homogeneous combination of minerals, synthetic fibers and elastomers. They are used in a wide variety of industries on a broad range of chemical applications at varying temperatures and pressures. Their excellent flexibility prevents large, narrow flange gaskets from breaking during cutting and installation, and their superior recovery ensures tight sealing during thermal cycling.

ADDITIONAL FEATURES INCLUDE

- Close-range compressibility for consistency and accurate spacing
- Reliability backed by many years of experience
- Local distribution for quick and easy delivery
- Branding for easy identification and assurance of genuine Durlon® gasket material
- All full-sized sheets are date coded for quality assurance and traceability
- A release agent on both sides of the sheet ensures good anti-stick properties

PROCESS SAFETY MANAGEMENT

Process safety is enhanced through outstanding sealability and bolt load retention.

Tighter joints create operational values:

- Emissions control
- Energy consumption
- Waste water treatment cost reductions
- Easy installation and removal

Color coding:

- Trouble-free identification of material
- Minimizes chance of misapplication

DELIVERED VALUE

Consolidation creates operational values such as:

- Inventory reduction
- Process safety
- Purchasing efficiencies
- Reduced chance of maintenance error

GASKET RESOURCES' COMMITMENT TO YOU,
OUR CUSTOMER, IS TO PROVIDE YOU WITH THE
BEST MATERIAL AT AN ECONOMICAL COST.

DURLON® 9000 FAMILY

Our Durlon® 9000 family of products offers exceptional value compared to other conventional filled PTFE and expanded PTFE products. The extraordinary properties, which include superior sealability, torque retention and consistency, are the result of the most sophisticated manufacturing process in the PTFE gasketing industry.

The Durlon® 9000 series of products are manufactured following strict quality control procedures, in a contaminate free environment, making them the perfect choice for industries where product contamination is a major concern such as electronics, food, and pharmaceuticals. Durlon® PTFE gasket materials have been color coded to for easy identification simplifying material selection to ensure the correct gasket is used in the right application.

PROCESS SAFETY MANAGEMENT

Process safety is enhanced through outstanding sealability and bolt load retention.

Tighter joints create operational values:

- Emissions control
- Energy consumption
- Waste water treatment cost reductions
- Easy installation and removal

MATERIAL CONSOLIDATION VALUE

- Inventory reduction
- Process safety
- Purchasing efficiencies
- Reduced chance of maintenance error

FLEXIBLE GRAPHITE & DURLON® CFG

Durlon® Flexible Graphite gasket materials compliment our compressed sheet family by giving you the right gasket for your entire soft gasket needs. Whether your requirement is a tough chemical service, or high temperature application, you can depend on Durlon®.

Durlon® Flexible Graphite is available in several styles. These include homogeneous sheet and laminated styles with various types of core materials. Additionally, Durlon® CFG is an easy to install, fire safe gasket making it a suitable replacement for spiral wound, double jacketed, and traditional flexible graphite gaskets.

HIGH-TEMP PRODUCTS

Not only does GRI have experience working with super-heated steam and other extreme conditions, but we've made them the core of our business. With an increased focus on creating products for high-temperature situations, we introduced the Durtec®, the Durlon® ETG (Extreme Temperature Gaskets), as well as the Durlon® 8900 and HT1000® high-temperature sheets.

HANDS-ON TRAINING

In addition to our resilient product offering, our team provides hands-on, in-person installation training, as well as online resources for gasket selection and proper installation. To help find the right gasket for your application, use our free chemical compatibility online tool.



GASKET RESOURCES INC.

OUR COMPANY

Gasket Resources Inc. (GRI), an ISO 9001:2015 certified company, is market-driven and technology-based, serving customers throughout the world with innovative fluid sealing products.

OUR PEOPLE

GRI regards people as its most important resource. We foster leadership, individual accountability, and teamwork. Our employees are professionals whose entrepreneurial behavior is result-oriented and guided by personal integrity. In return, our employees can count on opportunities for individual and professional development in an empowering working environment.

OUR SEALING PRODUCTS

Durlon® sealing products have the widest possible range of service applications, therefore, the number of different types of gaskets required to be inventoried can be greatly reduced. This impacts process safety because limiting the number of gasket styles reduces the chance of installing the wrong gasket in the wrong service.

For these reasons, more and more original equipment manufacturers and industrial consumers are specifying Durlon® gasket materials for their needs.

Durlon® products are used in virtually every industrialized corner of the world. Our gasket materials are manufactured to the highest quality standards and are subjected to continuous testing and rigid quality control. Our cutting and fabrication facility is ISO 9001:2015 certified which ensures unvarying performance on the job.

Our state-of-the-art research and development facility is geared to meet the ever-changing demands required in today's variety of service conditions. Since their inception, Durlon® gasket materials have undergone many enhancements, each incorporating the latest technology to better meet the wide variety of industry's changing needs.

GRI recognizes that today more emphasis is being placed on fugitive emissions via the Clean Air Act in the U.S., and various regulations in other countries. Therefore, one of our prime design objectives is to maximize the sealability of our gasket materials to meet fugitive emissions requirements.



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INNOVATIVE DURLON® FABRICATING ADVANTAGES

WELDED DURLON®

Our innovative welding process enables GRI to manufacture large diameter gaskets with single piece construction.

- All of our 9000 series filled PTFE products can be welded
- Gasket OD sizes 60" and above
- Cost effective alternative to conventional die cutting
- Retains the same physical properties as a die cut gasket
- Conforms to FDA regulations

LATHE CUT DURLON® 9000

- Cost effective alternative to conventional die cutting
- Eliminates costly center waste
- Custom thicknesses unavailable with sheet gaskets
- Small cross sectional parts that cannot be die cut

GASKET CUTTING DIVISION

GRI complements our partners with a modern, ISO 9001:2015 certified cutting facility and world class workmanship that can only come from experience. We are proud of our dedicated workforce that averages over 20 years of fabrication experience.

Our fabrication plant, located at our headquarters in Downingtown, PA, includes equipment not found at the most progressive fabrication facilities. These amenities include PTFE welding for large diameter gaskets over 60", Durlon® 9000 lathe cutting, computerized high-speed flash cutting equipment, and many more proprietary and innovative production related customer service assets.

If your Durlon® gasketing product is fabricated by Gasket Resources Inc. or our factory trained and dedicated distribution partners, be assured that you are receiving the very best value in the fluid sealing industry.

At Gasket Resources Inc., we focus on creating economical gasket solutions to provide our customers with high-quality products. To learn more about our economy gasket sheets or any of our other superior products, contact us today.

distributed by: