



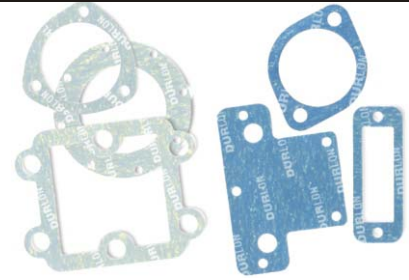
gasket

resources
incorporated



Superior Manufacturing • Quality Performance

COMPRESSED GASKET MATERIAL



DURLON® 7900 & 7950

Economical Durlon® Solutions

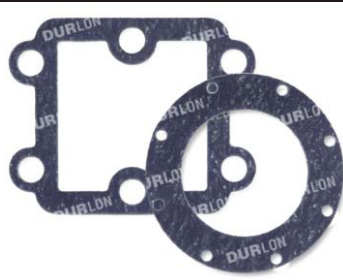
Durlon® 7900 (off white) and 7950 (blue) are our economy grade aramid fiber and NBR general-purpose gasketing materials specifically engineered to deliver unsurpassed sealability, temperature resistance and bolt torque retention when service ranges and applications are not severe.

SERVICE AND COST SAVINGS

- Unsurpassed sealability drastically lowers emission levels
- General purpose sheet outperforms traditional economy sheets
- Anti-stick coating reduces time spent removing
- Good compressibility and recovery maintains tight seal

CONVENIENCE AND QUALITY

- Cuts easily and cleanly
- Consistency of ingredients provides improved handling
- ISO 9001 Quality Standards
- Minimal wear on tooling



DURLON® 8300

Premium Durlon® Solutions

Durlon® 8300 is our premium grade, multi-service high strength carbon and NBR gasket sheet, designed to handle the extremes of pressure and temperature. As with all of our premium products, the versatility of this sheet enables the end user to standardize on one sheet for a multitude of applications and avoid the confusion of having to choose from several different sheets.

Specifically designed for applications commonly found in the power generation and chemical processing industries, the Durlon® 8300 maintains excellent sealability during thermal cycling even in steam, hot oil, aliphatic hydrocarbons, natural gas, gasoline, solvents, inert gases, mild alkalis and acids.

BENEFITS

Chemical and Thermal Versatility

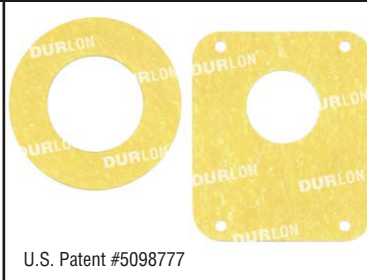
- Broad range of chemical and thermal services

Emissions Control

- Maintains tight seal during thermal cycling in saturated steam and hot oils
- Very good chemical resistance

Easy to Install and Remove

- Much easier to handle, install and remove than traditional graphite high temperature gaskets.
- Anti-stick coating for ease of removal



U.S. Patent #5098777

DURLON® 8400

Premium Durlon® Solutions

Durlon® 8400 (gold) is our patented outstanding next generation material that provides the widest range of chemical resistance of any compressed non-asbestos material available today. It's designed for high pH applications in the demanding services found in the pulp & paper, chemical processing and power generation industries where traditional compressed gasket materials have fallen short.

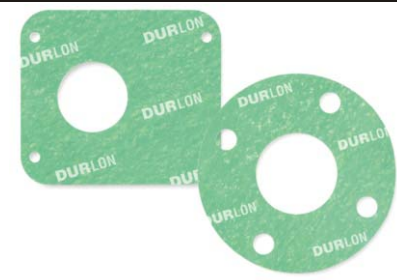
BENEFITS

Temperature and Chemical Resistant

- Our patented ingredients and manufacturing methodology results in superior sealing in a wide range of difficult chemical services.
- Perfect for OEM applications such as pump casings, valves and filters.

Perfect for Flange Insulation Kits

- Unsurpassed dielectric breakdown and volume resistivity
- Excellent torque retention to maintain cathodic protection



DURLON® 8500

Premium Durlon® Solutions

Durlon® 8500 (green), our general-purpose "workhorse" material contains our unique blend of high strength aramid and inorganic fibers providing excellent results in steam, hydrocarbons, and new generation refrigerants. Durlon® 8500 passed a modified API 607 fire test at an independent laboratory and has proven to be reliable in situations where temperature and pressure cycling causes failures of lesser quality materials.

BENEFITS

Versatility

- Our very best general purpose premium gasket material

Thermal Strength

- Our unique fiber matrix provides superior sealing in cyclical applications including steam and hot oils.
- Passed the modified 607 Fire Test at an independent laboratory

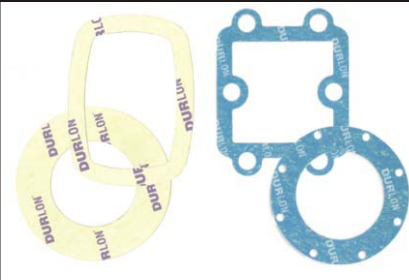
HVAC OEM Service Proven

- Durlon® 8500 has passed HVAC service fitness and compatibility tests for most of the next generation refrigerants and lubricants.

PRODUCT	MEDIA													
	Oxygen	Caustics	Inert Gases	Sulfuric Acid, conc.	Hydrocarbons, Fuel	Hydrofluoric Acid	Hydrogen Fluoride	Nitric Acid, >20%	Steam, <450°	Steam, >450°	R-22/mineral oil	R-134a/polyol ester	Chlorine, Liquid	Natural Gas
DURLON® 7900/7950	2	2	1	3	1	3	3	3	2	3	3	2	3	1
DURLON® 8300	2	2	1	3	1	3	3	3	1	1	3	2	3	1
DURLON® 8400	2	1	1	3	1	3	3	3	1	2	3	2	3	1
DURLON® 8500	2	2	1	3	1	3	3	3	1	1	3	1	3	1
DURLON® 8600	2	3	1	3	3	3	3	3	1	1	3	2	3	3
DURLON® 8700	2	2	1	3	1	2	3	3	1	3	1	2	3	1
DURLON® 9000/9000N	1	1	1	1	1	3	3	1	1	3	1	1	1	1
DURLON® 9200W	1	1	1	2	1	2	3	1	1	3	1	1	1	1
DURLON® 9400	1	1	1	3	1	1	1	3	1	3	1	1	1	1
DURLON® 9600	1	1	1	1	1	1	1	1	1	3	1	1	1	1
DURLON® CFG	1	2	1	3	1	3	3	1	1	1	1	1	1	1
DURLON® FG95/FGL316 & FGT316	1	2	1	3	1	3	3	1	1	1	1	1	1	1

This chart is for product differentiation purposes only. Please refer to the Durlon® Technical Handbook for more information.

PTFE SHEET



DURLON® 8600

Premium Durlon® Solutions

Durlon® 8600 (white), is an outstanding gasket material containing our unique blend of high strength aramid and inorganic fibers providing excellent sealability in steam, condensate and dilute acids and where a “white” gasket material or an SBR binder is required.

BENEFITS

Thermal Strength

- Our unique fiber matrix provides superior sealing in cyclical applications.

DURLON® 8700

Premium Durlon® Solutions

Durlon® 8700 (blue), is our premium neoprene (CR) gasket sheet combined with our unique blend of high strength aramid and inorganic fibers providing excellent sealability in services such as ammonia containing refrigerant systems.

BENEFITS

- Our top performer for old style HVAC OEM applications
- Proven to provide a tight seal in refrigerants, oils and fuels

	Styrene	Ethylene Oxide	Acetic Acid, 37%	Ammonia, Gas	Ammonia, Anhydrous	Amines	Jet Fuel	Bleach Liquors	Chlorine Dioxide
3	3	2	2	3	3	3	1	3	3
3	3	1	1	3	3	3	1	3	3
3	3	1	1	3	3	3	1	3	3
3	3	1	1	2	3	1	3	3	3
3	3	1	3	3	3	3	3	3	3
3	3	1	1	1	3	3	3	3	3
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	2	1	1	3	3
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	3
1	1	1	1	1	1	1	1	1	3

specific information.



DURLON® 9000 & 9000N

Durlon® 9000 (blue) and 9000N (neutral) is designed for use in process piping and equipment in chemical, pulp and paper, pharmaceutical, oxygen and industrial gases, food and beverage and other general industrial applications where physical properties such as non-contamination and resistance to highly aggressive chemicals are required.

Durlon® 9000 has been tested, approved and used for chlorine and caustics services. Unlike generic skived PTFE, the various shapes of fillers in Durlon® 9000 are homogeneously blended with pure PTFE resins and do not wick or cause corrosion on flange faces. Additionally, independent testing has shown the fillers in Durlon® 9000 to be more evenly dispersed than filled PTFE with layered construction. Therefore, Durlon® 9000 has more consistent physical and mechanical properties and does not have voids, separation and chemical compatibility problems found in layered PTFE.

BENEFITS

Versatile and Reliable Seal

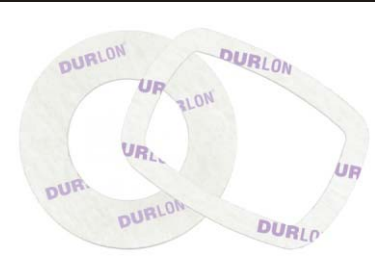
- Recommended for a wider range of severe chemical services than competitive filled PTFE blends.
- Maintains a tighter seal than conventional PTFE gasketing.
- Has a higher bolt torque retention than other filled PTFE and conventional PTFE gasketing materials.
- Listed in *Pamphlet 95* of the Chlorine Institute as an acceptable gasket material for chlorine services.
- Certified for Oxygen Service by Federal Institute of Materials Testing & Research: Berlin, Germany.
- Conforms to FDA standards
- Exceptional performance in emissions control

SHEET SIZE

- Durlon® 9000 is available in the largest sheet sizes of any conventional or filled PTFE blend gasketing in the industry.
- Allows improved yield with less waste
- 60"x 60" 60"x 120" 60" x 180"

COST SAVING TECHNOLOGY

- Can readily provide large diameter gaskets at extremely competitive prices.
- Eliminates waste and readily available



DURLON® 9200W

Durlon® 9200W is a barium sulfate filled PTFE designed for use in piping and equipment in chemical, pulp & paper and associated industries where resistance to aggressive chemicals and excellent sealability is required. Due to our unique and innovative manufacturing process, Durlon® 9200W has outperformed all layered filled PTFE materials proving to be more resistant to the “popcorning” effects of aggressive monomers such as styrene, methyl methacrylate and butyl acetate.

BENEFITS

Versatile and Reliable Seal

- Low initial seating stress required for effective seal.
- Superior sealing in thermo cyclical services than conventional PTFE.
- Conforms to flange imperfections.
- Exceptional bolt torque retention.
- Conforms to FDA standards.
- Superior containment of gases.
- Extremely durable allowing for extended service life

SHEET SIZE

- Durlon® 9200W is available in the largest sheet sizes of any conventional or filled PTFE blend gasketing in the industry.
- Allows improved yield with less waste
- 60"x 60" 60"x 120" 60" x 180"

COST SAVING TECHNOLOGY

Large Diameter Machined Gaskets

- Elimination of waste
- Readily available
- Extremely competitive prices

PLEASE REFER TO WWW.GASKETRESOURCES

FLEXIBLE GRAPHITE



DURLON® 9400

Durlon® 9400 is made from pure PTFE resins and carbon fillers designed for use in piping and equipment in chemical, pharmaceutical, food and other severe service industrial applications where chemical resistance and sealability are paramount. Durlon® 9400 does not exhibit cold flow problems associated with conventional PTFE. It has been developed to be used in hydrofluoric acid, anhydrous hydrogen fluoride (AHF) in railroad tankcars and chemical plant applications where barium sulfate PTFE may not prove suitable.

UNIQUE CHARACTERISTICS

- Handles higher temperatures than competitive filled PTFE.
- Excellent creep and cold flow characteristics
- High level of bolt torque retention.
- Superior sealing through thermo-cycling.
- Exceptional recovery
- Conforms to FDA standards.
- Superior containment of gases.
- Non-aging providing long service life

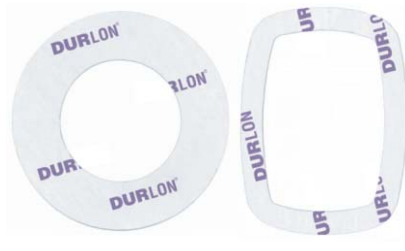
SHEET SIZE

- Durlon 9400® is available in the largest sheet sizes of any conventional or Filled PTFE blend gasketing in the industry.
- Allows improved yield with less waste
- 60"x 60" 60"x 120" 60" x 180"

COST SAVING TECHNOLOGY

Large Diameter Machined Gaskets

- Elimination of waste
- Readily available
- Extremely competitive prices



DURLON® 9600

Durlon® 9600 is an expanded PTFE gasket material designed to seal at low loads and resist creep and cold flow while being able to withstand high flange load and high pressures. Durlon® 9600 will easily conform to irregular surfaces that may be warped, etched, pitted, or tool marked. These characteristics make Durlon® 9600 your best choice for a broad range of aggressive chemicals where plastic flanges and low bolt loads are a requirement.

UNIQUE CHARACTERISTICS

- Premium grade PTFE offers compressibility up to 60%
- Generates tight seals in cast iron valves, filters, strainers
- Handles higher temperatures than filled PTFE.
- Excellent performance in high pressures.
- High level of bolt torque retention.
- Conforms to irregular flange surfaces.
- Conforms to FDA standards.
- Superior containment of gases.
- Exceptional service life

SHEET SIZE


- 60" x 60"



DURLON® CFG & FLEXIBLE GRAPHITE

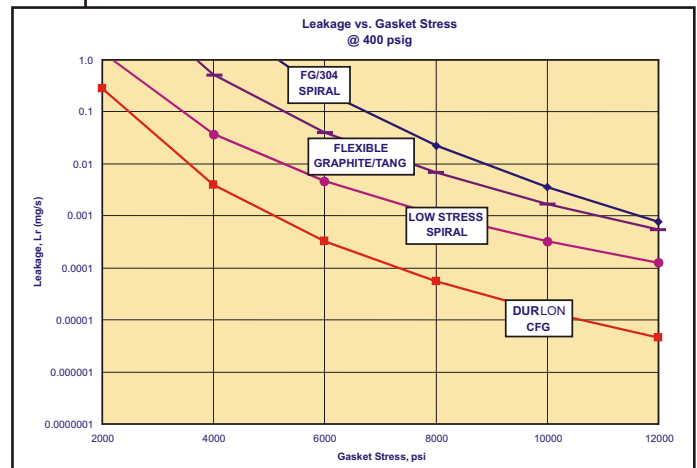
Durlon® CFG corrugated 316 stainless steel metal core with flexible graphite sealing surface will maintain a tight seal in a wide range of initial seating stresses making it the universal replacement for spiral wound, double jacketed and traditional flexible graphite gaskets. It is suitable for virtually all applications found in the following industries: refining, chemical, petrochemical, pulp & paper, power generation and steel mill.

CFG ADVANTAGES:

- FIRE SAFE 
- Superior emissions control
- Seals imperfect flanges
- Seats on a variety of surface finishes
- Easy & safe to handle
- Blow out resistant
- High spring back
- No inward buckling
- One thickness for all applications

SIZES:

- Standard ANSI Class 150 and 300 Ring and Full Face: ½" – 24"
- Non-standard MSS SP-44 & API 605: 26" – 96"
- Non-standard ovals: handhole and manway gaskets
- All heat exchanger styles
- Different metals available to match flange metallurgy, temperature, or chemical.



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 can be used for applications in the automotive, refining, and petrochemical plant process.

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, which includes ISO 9001 and ISO 9002 quality standards, the Durlon® gasket materials are superior to other product offerings in areas that matter to the end user and cutting distributor 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. The anti-stick coating applied to the surface of all our materials during the manufacturing process allows for improved separation from flange surfaces during removal saving time and energy.

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 helps prevent misapplication
- All full-sized sheets are date coded and quality assurance traceable
- A release agent on both sides of the sheet ensures good anti-stick properties
- Durlon® filled PTFE and flexible graphite gasket materials compliment our compressed sheet family by giving you the right gasket for all of your soft gasket needs. Whether your requirement is a tough chemical service, or high temperature application, you can depend on Durlon®.

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
 - Best practices
 - Removes and handles with ease
- 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

DURLON® 9000 FAMILY

Our Durlon® 9000 family of products offers exceptional value compared to other conventional PTFE, 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 9000 series of products are manufactured in a contaminate free environment and computer controlled following strict quality control procedures, which includes ISO 9001 certification. Durlon® 9000 series materials are contaminate free, making them the perfect choice for industries where product contamination is a major concern such as electronics, food, and pharmaceuticals.

The Durlon® 9000 series of gasket materials have been color coded to ensure the differentiation of materials allowing for the selection of the correct gasket for specific applications.

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
 - Best practices
 - Removes and handles with ease

Delivered Value

- Consolidation creates operational values such as:
 - 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 all of your 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, grades with oxidation inhibitors or high purity grades for nuclear service are available on special order.

Gasket Resources' commitment to you, our customer, is to provide you with the best material at an economical cost.

Pulp & Paper
 Utilities/Power Plant
 Digesters
 Chemical Recovery
 Blow Tanks
 Pump Discharge
 Washing
 Bleaching
 Refiners
 Wet End
 Head Box
 Dryers
 Coating Piping/Storage
 General Service

Chemical Processing
 Process Piping
 a. Acids
 b. Alkalies
 c. Chlorine
 d. Stainless Steel
 e. General & Utility Service
 Chemical Pumps
 Centrifuges
 Heat Exchangers
 Towers and Reactors
 Tower Trays
 Storage Tanks
 Manways
 General Service

Rail-Tank Car
 Multi Housing Arrangements
 Nozzle and Outlet Arrangements
 Cover Flanges
 Liquid Connections
 Air Connections
 Gauging Devices
 Manway Covers
 Safety Valves
 Bottom Outlet Valves
 Steam Pipes

Power Generation
 Boiler
 Ash Handling
 Chemical Piping
 Steam Turbine and Generator
 Circulating Water
 Condensate
 Diesel Backup
 Screen House Pumps and Piping
 General Service

FDA & Pharmaceutical
 Agitators
 Dryers
 Mixers
 Pumps
 Autoclaves
 Cookers
 Filter Screens
 Stainless Piping
 Storage Tanks
 Blenders
 Cooling Vessels
 Homogenizer
 Loading/Unloading Systems



GASKET RESOURCES INC.

Our Company

Gasket Resources Inc., (GRI) 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 ISO 9001 quality standards and are subjected to continuous testing and rigid quality control. And, our cutting and fabrication facility is ISO 9002 certified. This 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.

INNOVATIVE DURLON® FABRICATION 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®

All filled PTFE Durlon® products can be provided lathe cut

- Cost effective alternative to conventional die cutting
- Eliminates costly center waste
- Cost effective large diameter gaskets
- Small cross sectional parts that cannot be die cut

Gasket Cutting Division

While our distributors all have cutting capabilities, GRI compliments our distributors with a modern, ISO 9002 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 Exton, PA, includes equipment not found at the most progressive fabrication facilities. These amenities include PTFE welding for large diameter gaskets over 60", Durlon® PTFE lathe cutting, computerized high speed die cutting equipment, all steel interchangeable ID/OD tooling for close tolerance ring gaskets and many more proprietary and innovative production related customer service assets.

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



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