DURLON®

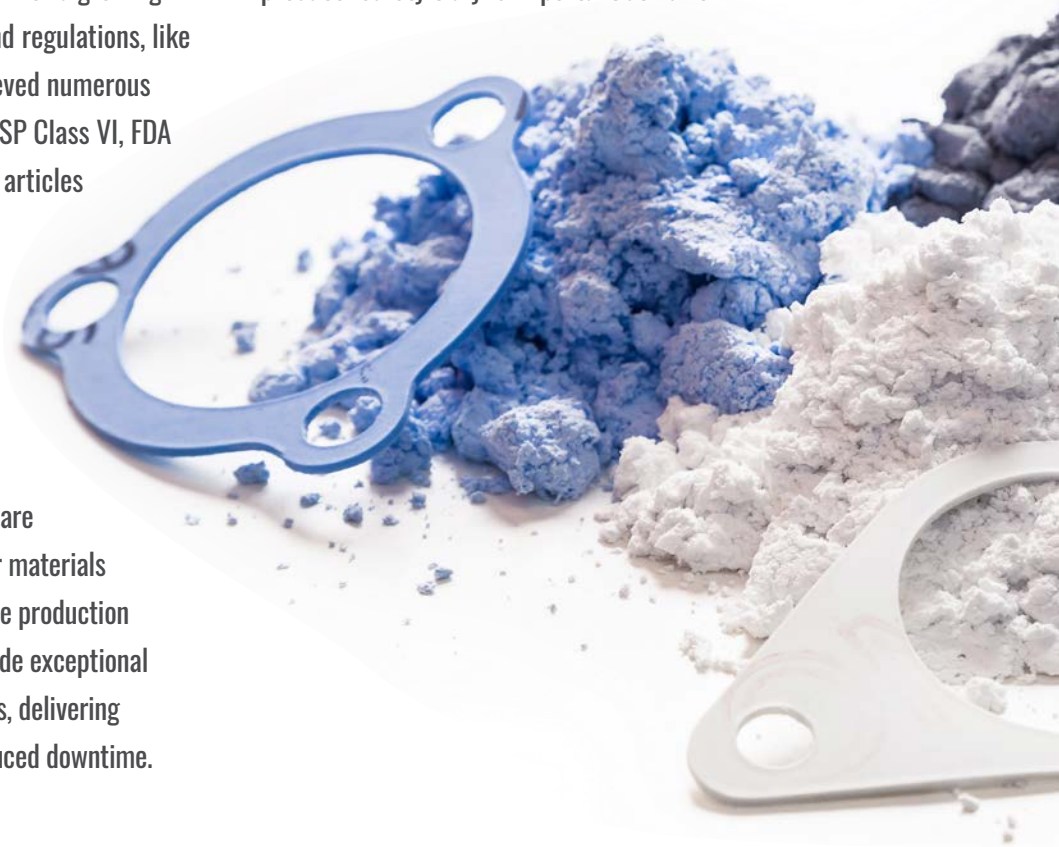
FDA COMPLIANT PRODUCTS

Durlon understands every product used in food and beverage applications needs to meet strict international safety and hygienic regulations. They are designed with CIP (Cleaning In Place) and SIP (Sterilization In Place) in mind, thus eliminating the need for different materials. They comply with a growing number of national and international rules and regulations, like FDA, USP, and 3-A standards. They have achieved numerous certifications for WRAS approved Material, USP Class VI, FDA and conform to FDA 21 CFR 177.2600 rubber articles intended for repeated use.

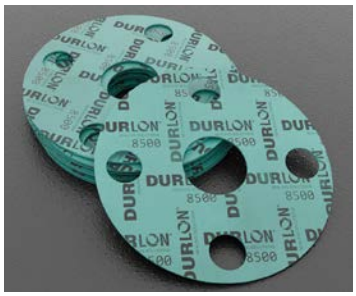
Our products are used in mixers, homogenizers and blenders along with other food processing machinery.

All of our raw materials and finished products are tested in our In-House laboratory to insure our materials meet our high quality standards throughout the production process. That's why our sealing solutions provide exceptional performance in food and beverage applications, delivering unsurpassed product integrity, safety and reduced downtime.

Our products are designed to reduce failures, thereby stopping contamination, loss of production and possible personal injury. Safety is our number one priority at Durlon. Our dedication is not only for our workers and factories, it is in the products we produce. Safety truly is important at Durlon.



DURLON® FDA Compliant Gaskets



Durlon® 8500

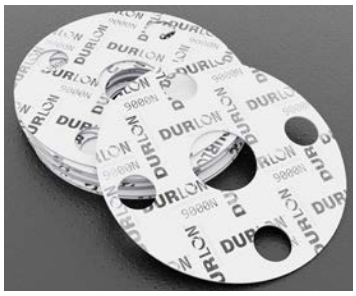
Aramid/Inorganic with NBR Rubber Binder
Compressed Non-Asbestos Gasket Material
ASTM F104: F712120-A9B3E12K5L151M6

A high-performance compressed fiber gasket made from aramid and inorganic fibers with NBR binder. Versatile across steam, water, oils, refrigerants, dilute acids, and more. Fully compliant with FDA 21 CFR 177.2600 for safe food contact applications.

Durlon® 9000

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

A premium PTFE gasket with proprietary filler that prevents wicking and reduces flange corrosion. Designed for aggressive chemical service in food, pharma, and industrial systems. Certified to FDA 21 CFR 177.1550 and USP Class VI - 121°C (250°F).



Durlon® 9000N

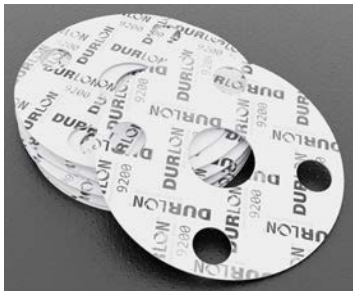
Inorganic Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F452111-A9B5E11K6M6

An advanced modified PTFE material with filler that resists wicking and flange attack. Built for highly corrosive chemical environments while meeting FDA 21 CFR 177.1550 and USP Class VI - 121°C (250°F) for food and pharmaceutical use.

Durlon® 9002

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

An enhanced glass-filled PTFE engineered for cryogenic and oxygen service, tested to BAM and LOX standards with zero reactivity. Complies with FDA 21 CFR 177.1550, making it suitable for food and drug processing.



Durlon® 9200

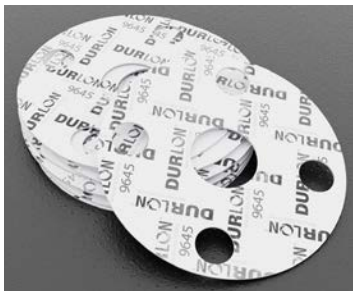
Barium Sulfate Filler with Pure PTFE Resins
Filled PTFE Gasket Material
ASTM F104: F451-A9B2M6

A durable filled PTFE gasket material designed to resist caustics, oxidizers, and strong acids such as nitric acid, peroxide, and sodium hypochlorite. Widely used in chemical, plastics, and food industries, and meets FDA 21 CFR 177.1550.

Durlon® 9600

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

Made from 100% expanded PTFE resins, this gasket offers outstanding sealability, stress recovery, and resistance to cold flow. Easy to cut and remove from flanges. Certified to FDA 21 CFR 177.1550 and USP Class VI - 121°C (250°F) for sanitary processes.



Durlon® 9645

Microcellular PTFE with Rigid PTFE core
ASTM F104: F497130E21M4

A biaxially-oriented PTFE sheet with a rigid PTFE core to minimize creep and improve long-term sealing performance. Ideal for large flanges and industrial service. Complies with FDA 21 CFR 177.1550 for use in food and beverage applications.

Durlon® LT100

Pure PTFE
Bonded to EPDM

A hybrid gasket combining expanded PTFE (ePTFE) bonded to peroxide-cured EPDM rubber with a PTFE shield. Delivers chemical resistance, flexibility, and secure sealing under low bolt loads. Manufactured with FDA-compliant materials, making it ideal for food, beverage, pharmaceutical, and potable water systems.

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DURLON® FDA Compliant Gaskets

Please be advised that our Durlon® PTFE products as listed below are compliant to FDA regulations indicated.

CFR Title 21 - Food and Drugs Part # Section #	Durlon® 9000, 9000N, 9002			Durlon® 9200			Durlon® 9600		
	Branding	Fillers	Finished Product	Branding	Fillers	Finished Product	Branding	Fillers	Finished Product
Part 175 - Indirect Food Additives: Adhesives and Components of Coatings Section 300 - Resinous and polymeric coatings	✔	n/a	✔	✔	n/a	✔	n/a[1]	n/a	n/a[1]
Part 177 - Indirect Food Additives: Polymers Section 1500 - Perfluorocarbon Resins	n/a	n/a	✔	n/a	n/a	✔	n/a	n/a	✔
Part 177 - Indirect Food Additives: Polymers Section 2600 - Rubber articles intended for repeated use	n/a	✔	✔	n/a	✔	✔	n/a	n/a	n/a
Part 178 - Indirect Food Additives: Polymers Section 3297 - Colorants for polymers	n/a	n/a	✔	n/a	n/a	✔	n/a	n/a	✔
	✔ = Compiant to stipulated regulation n/a = not applicable to stipulated regulation 1 = Durlon 9600 is supplied unbranded as standard offering								

CFR Title 21 - Food and Drugs Part #177 - Indirect Food Additives: Polymers Section #1550 - Perfluorocarbon Resins Extraction Test (2 hours)	Durlon® 9000, 9000N, 9002		Durlon® 9200		Durlon® 9600	
	Fluoride Extractives	Total Extractives	Fluoride Extractives	Total Extractives	Fluoride Extractives	Total Extractives
Distilled Water	✔	✔	✔	✔	✔	✔
50% Ethanol	✔	✔	✔	✔	✔	✔
n-Heptane	✔	✔	✔	✔	✔	✔
Ethyl Acetate	✔	✔	✔	✔	✔	✔
	✔ = Pass					

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