



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, NSF 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 ensure 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.



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Durlon® 8500 is 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.

Conforms to FDA requirements



Durlon® 9000 is for use in process piping and equipment in chemical, pulp & paper, food & beverage and other general industrial applications where resistance to highly aggressive chemicals is required. In addition, the shape of the fillers do not allow wicking which can cause corrosion on flange surfaces and conforms to FDA requirements. And has achieved numerous certifications: WRAS (Water Regulations Advisory Scheme) Approved Material, USP Class VI, FDA and (EC) 1935/2004 & EU (10/2011) compliant, TA-luft (VDI Guideline 2440), ABS-PDA & Pamphlet 95, the chlorine institute, DNV-GL. And has passed the API 6FA fire test.

Conforms to FDA requirements



Durlon® 9000N is for use in process piping and equipment in food & beverage, pharmaceutical and other general industrial applications where resistance to highly aggressive chemicals is required.

Conforms to FDA requirements



Durlon® 9002 is an adaptation of the original glass-filled formula to better meet extreme cryogenic demands and is available as oxygen cleaned, bagged, labeled, and sealed according to the European Industrial Gases Association standard for Cleaning of Equipment for BAM Oxygen Service.

Conforms to FDA requirements



Durlon® 9200 is a filled PTFE gasket material designed for use in aggressive chemicals. Including caustics, hydrogen peroxide, sodium hypochlorite, nitric acid, liquors and digester in pulp and paper service. Applications in the chemical, pharmaceutical and plastics industries include butadiene, hydrofluoric acid, vinyl chloride, methyl methacrylates, and styrene. It is also used extensively in railroad tank-car applications and can be used where resistance to highly aggressive chemicals is required. Style 9200 (granite white, branded) conforms to FDA and BAM oxygen service.

Conforms to FDA requirements



Durlon® 9600 is an expanded PTFE gasket, made with only pure PTFE resins, designed for use in process piping and equipment, food and beverage and other general industrial applications where resistance to highly aggressive chemicals is required. Durlon® 9600 is also suitable for sealing flanges with irregular surfaces. It will not exhibit the cold flow problems associated with virgin PTFE, or the hardness problems of some filled PTFE products. It has excellent sealability, cuts easily and separates cleanly from flanges after use.

Conforms to FDA requirements

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Durlon® PTFE FDA Compliance

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	✓
✓ = Compliant 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						