



PHARMACEUTICAL GRADE MATERIAL / PHARMACEUTICAL GRADE O-RINGS

PHARMACEUTICAL GRADE O-RINGS

Pharmaceutical o-rings are used in pharmaceutical, biotec, food & beverage applications. Seal & Design has many compounds available that meet FDA, USP Class VI, 3-A or NSF 61 specifications.



Not sure which compound is right for your application? Contact us, we can help!

CHEMRAZ PHARMACEUTICAL O-RINGS

Style	Description	Temp. Ranges °F (°C)	Durometer	Datasheet
SD517	Chemraz SD517 is an ideal seal component for subambient mechanical seal applications and is the preferred alternative to encapsulated O-rings.	-22° to 428°F (-30° to 220°C)	80	Chemraz SD517
SD625	Not only is it FDA and USP Class VI compliant, but Chemraz SD625 also passes USP Physicochemical Testing, USP <661>, and has been tested to USP elastomeric closures, USP <381>, making it the most comprehensively tested perfluoroelastomer on the market.	-4° to 500°F (-20° to 260°C)	80	Chemraz SD625

PPE PHARMACEUTICAL O-RINGS

PPE Style	Description	Temp. Range	Durometer	Datasheet
G67P	A translucent beige compound with semi-crystalline perfluoropolymer nano-filler, specially developed to meet the demands of the semiconductor and bio-analytical industries.	5° to 527°F (-15° to 275°C)	65	Perlast G67P PDF
G74P	A translucent beige compound with semi-crystalline perfluoropolymer nano-filler, specially developed to meet the demands of the semiconductor and bio-analytical industries.	5° to 527°F (-15° to 275°C)	74	Perlast G74P PDF

GAPI PHARMACEUTICAL O-RINGS

Gapi Style	Description	Temp. Range	Durometer	Datasheet
641	Developed to comply with the requirements of FDA 21 CFR 177.2600. White in color.	up to 500°F (up to 260°C)	80	GPlast 642 PDF

642	Developed to comply with the requirements of FDA 21 CFR 177.2600. Black in color.	up to 500°F (up to 260°C)	80	GPlast 642 PDF
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KALREZ PHARMACEUTICAL O-RINGS

Kalrez Style	Description	Temp. Range	Durometer	Datasheet
LS205	LS205 perfluoroelastomer parts provide superior chemical resistance and low extractables in demanding applications for use in food handling and pharmaceutical applications where FDA compliance is required.	up to 437°F (up to 225°C)	75	Kalrez LS205
LS390	LS390 perfluoroelastomer parts are a grey product for use as sanitary seals in food handling, beverage, and pharmaceutical applications where FDA, USP <87> and <88> Class VI compliance are required.	up to 428°F (up to 220°C)	88	Kalrez LS390

Superior chemical resistance and low contamination in

6230

food and handling applications where FDA compliance is required. Suitable for WFI and SIP systems.

up to 500°F
(up to 260°C)

75

**Kalrez
6230**

**Seal & Design
Able Division**

5533 Steeles Avenue West, Unit 11
Toronto, Ontario M9L 1S7
Ph: (416) 741-0750
Gasket@AbleSealAndDesign.com

**Seal & Design
Corporate Headquarters**

4015 Casilio Parkway
Clarence, NY 14031
Ph: (716) 759-2222
Info@SealAndDesign.com

**Seal & Design
Higbee Division**

6741 Thompson Rd N
Syracuse, NY 13221
Ph: (315) 432-8021
Sales@Higbee-Inc.com