

# FDA All Seals' Food & Dairy Compounds



## FDA FOOD CONTACT

All compounds comply with the formulation requirements specified in the Code of Federal Regulations Title 21 Part 177 Section 177.2600 "Rubber Articles Intended for Repeated Use."

**Dry Foods Only:** All Seals has over 64 different dry food formulated compounds in multiple different durometers and colors. Call us at 800.553.5054 for a full FDA compound list.

- C-7014: 70 durometer neoprene
- E-7010: 70 durometer EPDM, peroxide cured
- E-7014: 70 durometer EPDM
- E-7018: 70 durometer EPDM, internally lubricated
- E-7019: 70 durometer white EPDM
- E-7020: 70 durometer EPDM, NSF\* 61 peroxide cured
- E-7026: 70 durometer blue EPDM
- E-7030: 70 durometer purple EPDM
- E-7033: 70 durometer EPDM, high tear strength
- E-7039: 70 durometer purple EPDM, NSF\* 61
- F-7014: 75 durometer black Viton™
- FB-7014: 70 durometer brown Viton™
- FF-7014: 70 durometer Viton™

- N-7027: 70 durometer NBR, low compression set
- N-7041: 70 durometer white NBR
- N-7044: 70 durometer NBR, internally lubricated
- N-7046: 70 durometer NBR, high ACN content
- N-7051: 70 durometer red NBR
- S-7008: 70 durometer silicone, NSF\* 61

**Dry and Aqueous Foods:** Tested against FDA deionized water extraction requirements.

- E-7013: 70 durometer EPDM, NSF\* 61+
- N-7039: 70 durometer NBR, NSF\* 61+

**All Food Contact Types** (dry, aqueous, milk/edible oil and fatty foods): Tested against FDA extraction requirements in deionized water and n-Hexane.

- E-7042: 70 durometer grey EPDM
- F-7044: 75 durometer black Viton™
- F-7045: 75 durometer green Viton™
- N-7086: 70 durometer NBR
- S-7001: 70 durometer silicone+
- S-7004: 70 durometer silicone, NSF\*
- S-7020: 70 durometer translucent silicone

† Denotes a stocked compound

## 3-A SANITARY TESTED

All Seals offers several compounds that have been tested against the 3-A Sanitary Specification 18-03, "3-A Sanitary Standards for Multiple-Use Rubber and Rubber-Like Materials Used as Product Contact Surfaces in Dairy Equipment."

The materials below are classified by maximum service temperature.

### Max Service Temperature of 300°F

- F-7044: 75 durometer black Viton™, Class I - IV
- F-7045: 75 durometer green Viton™, Class I - IV
- N-7086: 70 durometer NBR, Class I - IV
- S-7020: 70 durometer clear silicone, Class I - IV

### Max Service Temperature of 120°F

- E-7042: 70 durometer grey EPDM, Class III & IV

All of the above compounds are formulated to meet FDA food contact guidelines, including formulation requirements for milk and edible oil. In addition to testing against 3-A, all of these compounds have been tested against FDA deionized water and n-Hexane extraction requirements.

\*NSF compounds are manufactured by RT Dygert.



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# Why Industry Leaders Rely on All Seals

## THE HIGHEST STANDARDS

There's no room for compromise when it comes to public health and safety. All Seals meets and exceeds industry standards. Even when standards are voluntary, we hold ourselves to the highest demands.

## A TRUSTED LEADER IN FOOD AND DAIRY

For decades All Seals has been an industry forerunner in food & beverage, milk, water, food processing, plumbing, chemical processing, and other markets where seals and custom rubber products are crucial.

## WE'VE GOT WHAT YOU NEED

We source and stock the widest selection of seals from the finest manufacturers around the world. Our vendors are renowned for their engineering and quality programs, and we have excellent, long-term relationships with them. Even in periods of short supply, we can deliver. We can customize any seal precisely to your specifications.

## EXTENSIVE VALUE ADDED SERVICES

We provide JIT/Kanban programs, pre-production and kitting, special marking and packaging options, and much more.

## FRIENDLY CUSTOMER SERVICE AND EXPERT ON-PREMISES SUPPORT

You're in the best circles with our customer service team. If you need expertise in any area, we've got it, including materials, design, prototyping, testing and more.



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