



MEDICAL...

*providing SPECIALIZED COMPOUNDS
and SEALING SOLUTIONS since 1984.*



FDA & Medical Grade Elastomers | USP Class VI Elastomers | Prompt Shipment from Anaheim, CA or Chicago, IL

Why leading medical product manufacturers insist upon Spec Seals for O-Rings, Rubber Seals and Gaskets.

Spec Seals has been manufacturing O-Rings and custom molded rubber seals for the medical industry since 1984 and offers a wide variety of compounds to meet your most demanding requirements.

Manufacturers like **Medtronic**, **3M**, **Bausch & Lomb** and many others depend upon Spec Seals for their O-Ring and rubber seal requirements for the following important reasons:

Best Raw Materials:

Dupont-Dow, Bayer, 3M and Zeon Chemical base elastomers assure complete compliance to ASTM, FDA 177.2600, USP Class VI and other commercial or medical specifications.

Specialized Compounds:

We have developed over 250 different rubber compounds for a variety of special applications and can recommend or develop the best compound for your rubber seal project.

Largest FDA O-Ring Inventory in North America:

Spec Seals stocks FDA Nitrile, FDA EPDM, FDA Silicone and FDA/3A Sanitary Brown Viton® for immediate shipment for your newest application.

Cleanroom Manufacturing and Packaging:

We have Class 100 and Class 100,000 manufacturing and packaging facilities for critical medical gaskets or O-Rings.

USP Class VI Elastomers:

We offer compounds made with base elastomers tested to the stringent USP Class VI requirements. SPEC SEALS USP Class VI finished products are not intended for human implantation.

Strategic Shipping Locations:

With quick shipments from our Anaheim, CA Headquarters or large Midwest Distribution Center in Chicago, we provide low cost ground delivery to any medical manufacturing facility in 1-3 days.

Complete Documentation:

Every O-Ring or rubber seal is shipped with complete Batch # and Cure Date information and can incorporate customer part numbers on all labels and paperwork. Batch test reports available within 1 year of shipment.

Custom Size O-Rings and Rubber Shapes:

We work with your team to develop special O-Ring sizes or molded rubber shapes to meet your special design needs. Prototypes and first articles can be quickly made for your evaluation.

Spec Seals High Performance Medical Rubber Compounds

SPEC SEALS has a wide variety of compounds that have been successfully used in a variety of non-invasive medical devices and products throughout North America and Worldwide.

White and Clear rubber seals are available for the utmost in purity and can be manufactured or packaged in Class 100 or Class 100,000 Cleanroom facilities. Our proprietary UltraSlip™ and other internally lubricated compounds are ideal for low breakout friction for dynamic sealing applications.

SPEC SEALS has the compound you need to meet special ASTM, FDA, NSF, KTW, WRAS, 3A Sanitary or USP Class VI (Not for Human Implantation) requirements and is one of the few manufacturer's that will work with OEM's to obtain application specific NSF or UL approvals.

Please contact SPEC SEALS Engineering Team today to see which compound or solution we can recommend for your specific application!

(800) 633-1155 toll-free
(714) 777-5995 international
(714) 777-6722 fax
sales@specseals.com
www.O-Rings.com

Medical Compounds	Lead Time	Duro	Usage Temp	Typical Usage
N168-70 Black FDA Nitrile	Stock	70	-40F to +250F	Food or Water Usage
N168-70/M Black FDA/3A Sanitary Nitrile	8-10 Weeks	70	-40F to +250F	Food, Water, Milk or Edible Oil Service
N161-70 NSF-61 Listed FDA Nitrile	8-10 Weeks	70	-40F to +250F	NSF-61 Water Applications
N162-70 KTW Approved Black Nitrile	8-10 Weeks	70	-40F to +250F	European Water Service
N163-70 WRAS Approved Black Nitrile	8-10 Weeks	70	-40F to +250F	British or UK Water Service
N188-70 Black UltraSlip™ FDA Nitrile	8-10 Weeks	70	-40F to +250F	FDA Internally Lubricated Nitrile
S500-70 Red FDA Medical Silicone	Stock	70	-65F to +400F	Broad Temp & Chemical Resistance
S510-70 White FDA Silicone	8-10 Weeks	70	-65F to +400F	Purity, Broad Temp & Chem Resistant
S561-70 Red NSF-61 Listed Silicone	8-10 Weeks	70	-65F to +400F	NSF-61 Water Applications
S567-70 Red High Temp FDA Silicone	8-10 Weeks	70	-65F to +572F	High Temp & Chemical Resistance
S568-70 Red 3A Sanitary FDA Silicone	3 Weeks	70	-65F to +400F	Food, Water, Milk or Edible Oil Service
S569-70 Clear USP Class VI Silicone	8-10 Weeks	70	-65F to +400F	USP Class VI (Not for human implantation)
S590-70 Clear FDA Medical Silicone	8-10 Weeks	70	-65F to +400F	Purity, Broad Temp & Chem Resistant
E300-70 Black FDA EPDM	Stock	70	-65F to +300F	Food, Water & Steam Service
E330-70 Black Lexan Compatible EPDM	3 Weeks	70	-65F to +300F	Lexan Compatible/ABS Plastics
E350-70/F Blk FDA Peroxide Cured EPDM	8-10 Weeks	70	-65F to +300F	High Temp. Food, Water & Steam
E361-70 Black NSF-61 Listed EPDM	8-10 Weeks	70	-65F to +300F	NSF-61 Water Applications
E388-70 Black UltraSlip™ FDA EPDM	8-10 Weeks	70	-65F to +300F	FDA Internally Lubricated EPDM
V700-75/W White FDA Viton®	8-10 Weeks	75	-20F to +400F	Purity, Broad Temp & Chem Resistant
V768-75 Brown 3A Sanitary FDA Viton®	Stock	75	-20F to +400F	High Temp, Milk or Edible Oil Service
V760-75 Black FDA Viton®	8-10 Weeks	75	-20F to +400F	High Temp Food or Water Usage
PTFE-WH White Teflon®	8-10 Weeks	-	-300F to +500F	Wide Temperature Crush Seal