



# OIL & GAS...

*providing SPECIALIZED COMPOUNDS  
and SEALING SOLUTIONS since 1984.*



Heat & Chemical Resistance | Decompression Resistance | Prompt Shipment from Anaheim, CA or Chicago, IL

## Why leading oil and gas component manufacturers are looking to Spec Seals for O-Rings, Rubber Seals and Gaskets.

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

Manufacturers of compressor components, valves, pumps, oilfield and pipeline equipment depend upon Spec Seals for their O-Ring and rubber seal requirements for the following important reasons:

### Best Raw Materials:

Solvay Solexis, Dupont-Dow, Daiken and Zeon Chemical elastomers are used to provide complete compliance to industry standards.

### Heat & Chemical Resistance:

Daiken and Dupont-Dow Fluoroelastomers provide economical service while Peroxide and Triazine cured perfluoroelastomers meet the most demanding requirements.

### Decompression Resistance:

We offer elastomers for improved performance in Rapid Gas Decompression (RGD) environments. Elastomers are available that have passed Norsok M710 and Nace TM0297 testing.

### Custom Seals up to 100" ID:

Spec Seals has the unique capability of producing large size O-Rings and seals typically used in large pipeline and refinery operations. Please let us know how we can assist your team with your next project.

### Largest O-Ring Inventory in North America:

Spec Seals stocks every size O-Ring in Nitrile, EPDM, Silicone and Viton®. We can monitor your MRP schedule to meet critical delivery for production or maintenance.

### 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 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.

### 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 Oil and Gas Rubber Compounds

A wide range of SPEC SEALS elastomers are available for the rigorous requirements of the Oil and Gas industry. Compounds range from oil resistant nitrile, neoprene, HNBR and fluorocarbon for economical performance. Higher grade Perfluoroelastomer and Genuine Dupont compounds offer the highest temperature and best chemical resistance.

In addition to stringent ASTM chemical and temperature resistance, a number of SPEC SEALS materials have been subjected to the rigors of NACE TM0297 and Norsok M710 explosive decompression resistance testing to allow comparison of each material's ability to resist rapid gas decompression (RGD) damage.

SPEC SEALS compound development team can also develop special elastomers to meet the demands of unique applications that your team may encounter.

Oil & Gas Service Compounds	Lead Time	Duro	Usage Temp	Typical Usage
N100-70 Black Nitrile	Stock	70	-40F to +250F	Oil & Hydraulic Applications
N110-70 Black Low Temp Nitrile	8-10 Weeks	70	-65F to +250F	Low Temperature Oil and Hydraulic
N120-70 Black Oil Service Nitrile	8-10 Weeks	70	-40F to +250F	High Temperature Oil Applications
N140-90 Black High Pressure Nitrile	Stock	90	-40F to +250F	High Pressure Oil Applications
N150-70 Black High Acrylo Nitrile	8-10 Weeks	70	-25F to +250F	Fuel Service Applications
N157-75 Black Peroxide Cured Nitrile	8-10 Weeks	75	-40F to +250F	High Temperature Oil Applications
N188-70 UltraSlip™ Nitrile	8-10 Weeks	70	-40F to +250F	Internally Lubricated Nitrile
C200-70 Black Neoprene	8-10 Weeks	70	-40F to +250F	Oxygen, Ozone and Oil Resistance
F900-70 Blue Fluorosilicone	8-10 Weeks	70	-80F to +350F	Broad Temperature & Fuel Service
V700-75 Black Fluoroelastomer	Stock	75	-20F to +400F	Chemical & Temperature Resistant
V708-75 Brown Fluoroelastomer	Stock	75	-20F to +400F	Chemical & Temperature Resistant
V709-90 Hi Pressure Fluoroelastomer	8-10 Weeks	90	-20F to +400F	High Pressure Chem. & Temperature
V797-75 Genuine Dupont Viton®	8-10 Weeks	75	-20F to +400F	Chemical and Temperature Resistant
V798-75 Brown Genuine Dupont Viton®	8-10 Weeks	75	-20F to +400F	Chemical and Temperature Resistant
V7GF-75 Black Viton® GF	8-10 Weeks	75	0F to +400F	Improved Chemical Resistance
V7GLT75 Black Viton® GLT	8-10 Weeks	75	-40F to +350F	Low Temp & Chemical Resistant
V7DB-90 Black Base Resistant Viton®	3-4 Weeks	90	-22F to +482F	Base, ATF and Steam for Nace TM0297
V7GBD90 Black Viton® B	3-4 Weeks	90	-22F to +482F	Broad Chem, Temp for Norsok M710
V7GLTD9 Black Viton® GLT	3-4 Weeks	90	-40F to +482F	Low Temp, Chemical Resistant for Nace TM0297 & Norsok M710
HNBR9DR Black HNBR for Decompression	3-4 Weeks	90	-40F to +302F	Abrasion, Low Temp & Norsok M710
PF60-80 Black Perfluoroelastomer	3-4 Weeks	80	-22F to +572F	Aggressive Chemicals, Steam, High Temp, Nace TM0297 & Norsok M710
PTFE-WH White Teflon®	8-10 Weeks	-	-300F to +500F	Wide Temperature Crush Seal

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

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