

O-Rings.com

BY

BOYD

CORPORATION



OIL & GAS

O-RINGS

One Company, Many Solutions

Leading oil and gas component manufacturers depend upon O-Rings.com by Boyd Corporation for specialized compounds and high performance sealing solutions.

Heat & Chemical Resistance

Specialized fluoroelastomers provide excellent performance in demanding environments. Peroxide and Triazine-cured perfluoroelastomers are available for the harshest environments.

Decompression Resistance

Elastomers customized for improved performance in Rapid Gas Decompression (RGD) environments, certified to Norsok M710 and Nace TM0297.

Seals up to 100" ID:

Boyd specializes in O-rings and seals unique to pipeline and refinery operations, with seals up to 100" inner diameters.

Specialized Compounds

More than 250 different rubber compounds are available, tested across a variety of special applications. Boyd can recommend or develop the best compounds for the most demanding sealing applications.

Best Raw Materials

Dupont™, Bayer, 3M™ and Zeon Chemical base elastomers assure complete compliance to ASTM, other industry standards.

Custom O-Ring Sizes

If standard O-Rings are not the right fit for your application, Boyd's sales and technical teams can help determine the size you need for your unique design challenges. Prototypes and first articles can be made quickly for your evaluation.

Quality Systems

O-Rings ship from facilities with stringent quality management systems for consistent performance, traceability & trusted reliability. Rich industry experience means that our teams are well prepared to exceed your specialized quality requirements.

TS16949

ISO13485

AS9100C

ISO9001

ISO14001

Strategic Shipping Locations

Standard O-Rings are conveniently stocked regionally across the United States and can be shipped for low cost delivery to most North American locations in one to three days.

High Performance Oil & Gas Rubber Compounds



Boyd Corporation has a wide variety of standard and custom compounds for the rigorous requirements of the oil and gas industry.

Boyd's specialized compounds range from oil-resistant nitrile, neoprene, HNBR and fluorocarbon to high performance perfluoroelastomers. We will collaborate with your teams to meet your custom needs.

The oil and gas industry requires performance in high and low temperatures as well as trusted durability in the harshest chemical environments. Specialized compounds are specified to explosive decompression resistance testing NACE TM0297 and Norsok M710, assuring continued performance in rapid gas decompression (RGD) environments.

Compounds	Lead Time	Duro	Usage Temp	Typical Usage
N100-70 Black Nitrile	Stock	70	-40F to +250F	Oil & Hydraulic Applications
N110-70 Low Temperature Nitrile	8 - 10 Weeks	70	-65F to +250F	Low Temperature Oil & Hydraulic
N120-70 Oil Service Nitrile	8 - 10 Weeks	70	-40F to +250F	High Temperature Oil Applications
N140-90 High Pressure Nitrile	Stock	90	-40F to +250F	High Pressure Oil Applications
N150-70 High Acrylo Nitrile	8 - 10 Weeks	75	-25F to +250F	Fuel Service Applications
N157-75 Peroxide Cured Nitrile	8 - 10 Weeks	70	-40F to +250F	High Temperature Nitrile
N188-70 UltraSlip™ Nitrile & FDA Grade	8 - 10 Weeks	70	-40F to +250F	Internally Lubricated Nitrile
C200-70 Black Neoprene	8 - 10 Weeks	70	-40F to +250F	Oxygen, Ozone & 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 Resistance
V708-75 Brown Fluoroelastomer	Stock	90	-20F to +400F	Chemical & Temperature Resistance
V709-90 Hi Pressure Fluoroelastomer	8 - 10 Weeks	75	-20F to +400F	High Pressure Chemical & Temperature
V797-75 Genuine Dupont Viton®	8 - 10 Weeks	75	-20F to +400F	Chemical & Temperature Resistance
V798-75 Brown Genuine Dupont Viton®	8 - 10 Weeks	75	-20F to +400F	Chemical & Temperature Resistance
V7DB-90 Black Base Resistant Viton®	3 - 4 Weeks	90	-22F to +482F	Base, ATF, Steam for Nace TM0297
V7GBD90 Black Viton® B	3 - 4 Weeks	90	-22F to +482F	Broad Chemical, Temperature for Norsok M710
V7GF75 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 Temperature & Chemical Resistance
HNBR9DR Black HNBR Decompression	3 - 4 Weeks	90	-40 to +302F	Abrasion, Low Temp, Norsok M710
PF60-80 Black Perfluoroelastomer	3 - 4 Weeks	80	-22F to +572F	Chem/Hi Temp/Nace TM0297/Norsok M710
PTFE-WH White Teflon®	8 - 10 Weeks	-	-300F to +500F	Wide Temperature Crush Seal

Contact us today for standard O-Rings or to discuss the recommended compound design for your application needs!

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