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O Ring Cord

O ring cord is supplied as a continuous extruded cord and can be used to make custom sized O-Rings when standard sizes are not suitable. Available in standard and FDA.

At Eastern Seals, O-ring cord and extruded cord products are among our flagship offerings. We maintain extensive stocks of high-quality O-ring cords in a variety of materials, including Nitrile (NBR), EPDM, FKM (Viton®), Silicone, HNBR, and Neoprene. Our inventory ranges from 1.00mm in diameter and is available in standard shore hardness options, ensuring we have the right product to meet your specific application needs.

Material Selection for Diverse Applications

Our wide selection of O-ring cords caters to a broad range of industries and applications:

Nitrile (NBR): Renowned for its excellent resistance to oils, fuels, and other chemicals, Nitrile is the material of choice for automotive, marine, and industrial applications where exposure to these substances is common.

EPDM: With superior resistance to heat, ozone, and weathering, EPDM is ideal for outdoor applications, HVAC systems, and environments where high temperature or UV exposure is a concern.

FKM (Viton®): FKM offers unparalleled resistance to heat, chemicals, and oils, making it perfect for demanding environments like aerospace, chemical processing, and oil and gas industries.

Silicone: Known for its exceptional flexibility and stability across a wide temperature range, Silicone O-ring cords are widely used in food processing, medical devices, and pharmaceutical applications.

HNBR: HNBR stands out for its enhanced mechanical properties and superior resistance to heat, oil, and chemicals, often used in high-performance automotive and oil field applications.

Neoprene: Offering good resistance to aging, weathering, and various chemicals, Neoprene cords are commonly used in refrigeration, automotive, and industrial machinery applications.

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CUSTOMIZATION AND PRECISION ENGINEERING

We understand that every project is unique, which is why we offer a comprehensive range of customization options:

Custom Cutting and Joining: Our advanced cutting and joining services allow us to deliver cords cut to your specific length requirements or joined into custom-sized O-rings. We use precision vulcanizing techniques to ensure a strong, seamless bond for continuous loops.

Bulk Supply and Length Customization: Whether you need bulk quantities on spools or specific cut lengths, we accommodate your needs with flexibility. Spool lengths vary by size, so please contact us for details when placing your order.

UNCOMPROMISING QUALITY AND COMPLIANCE

At Eastern Seals, quality is at the heart of everything we do. All our O-ring cords are manufactured to meet the highest industry standards, ensuring reliability and performance in critical applications. We conduct quality control tests, and our products comply with relevant international standards, including ISO and ASTM certifications.

TECHNICAL EXPERTISE AND SUPPORT

Choosing the right material and cord size can be challenging, especially for specialized applications. Our technical team is on hand to provide guidance. For detailed technical specifications, please refer to our Technical Data Sheets.

FAST DELIVERY AND EXCEPTIONAL SERVICE

With our vast inventory, we can provide same-day dispatch and next-day delivery on most orders, ensuring that you receive your products quickly and efficiently. Our competitive pricing, coupled with our commitment to customer service, makes us a trusted partner for all your O-ring cord needs.

ES Ref	Colour	Temperature Range	Hardness
EPDM	BLACK	-40 to +120°C	70
EPDM70FDA	BLACK	-40 to +120°C	70
HNBR	BLACK	-30 to +150°C	70
HNBR90	BLACK	-30 to +150°C	90
NBR	BLACK	-20 to +100°C	70
NBR90	BLACK	-20°C~+100°C	90
S70FDA	RED	-50°C~+200°C	70
NP70	BLACK	-30 to +120°C	70
FKM75	BLACK	-15 to +230°C	75
FKM75FDA	BLACK	-20 to +200°C	75
FKM90	BLACK	-17 to +200°C	90