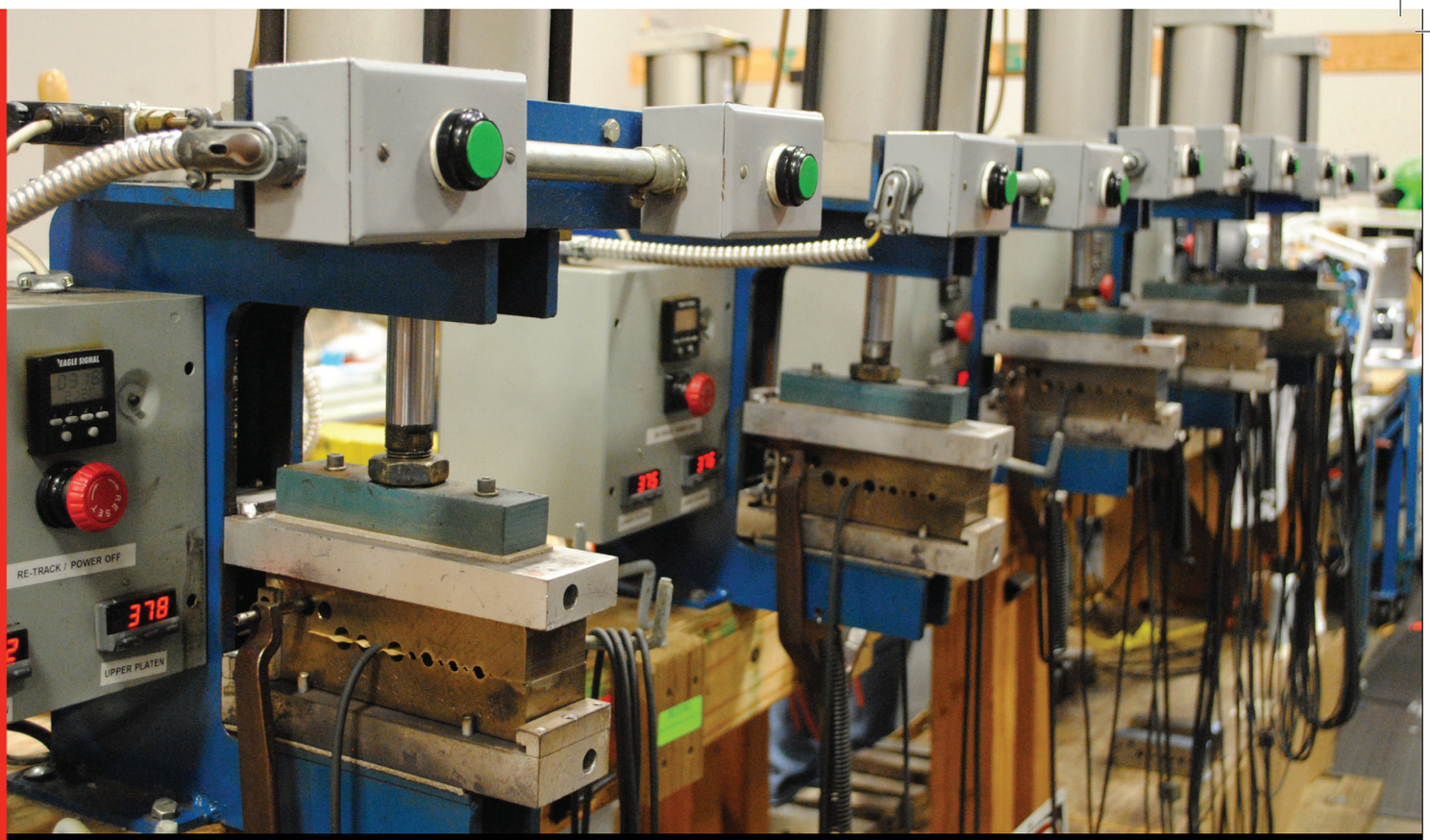
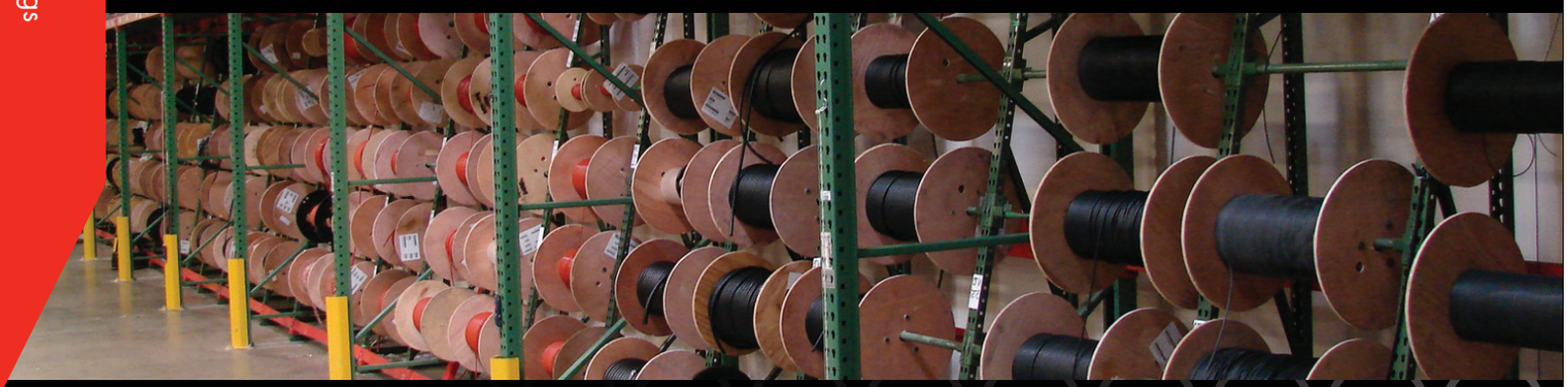
WE ARE **SEALS** | Precision Spliced O-rings





PRECISION SPLICED O-RINGS

Setting the standard. Being the benchmark. These are two descriptive statements about our spliced O-ring operation that speak to working harder and finding a better way. We've reached new heights for a couple reasons—our extensive inventory of extruded cord stock and state-of-the-art splicing operations far exceed the magnifying glass of quality control. And our commitment to service gives us the edge because we can order to ship in as little as 24 hours.

DICHTOMATIK
AMERICAS

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PRECISION SPLICED O-RINGS

ADVANTAGES

- Produce custom O-rings with no tooling required
- Elimination of flash at the spliced joint prevents leakage
- Batch and cure date traceability
- Over 300 inch and metric cord stock options available from inventory to support quick delivery
- Cross-sections available range from .070 to 1.5 inches and 2.0 mm to 14.0 mm
- Shape, size and material variety
  - Silicone
  - EPDM
  - NBR
  - Viton®
  - Fluorosilicone
  - Aflas®

MATERIALS EXPERTISE

It's all about the cord stock. The mechanical characteristics and dimensional accuracy of the cord stock are crucial to achieve high vulcanization. We leverage our long history and extensive expertise in O-ring splicing to formulate specific cord stock compounds with excellent low compression set characteristics. It's a process critical for quality vulcanization and O-ring integrity.

We utilize a wide materials set in virtually every shape and size, including square and X-ring stock. Adhesives are specially formulated to ensure bond integrity. All this gives us the ability to create parts for many applications and operating environments.

QUALITY BEFORE QUANTITY

Splicing is performed in a climate controlled environment through hot vulcanization to achieve the strongest and most consistent bond quality. Presses with full digital temperature and time control guarantee a reliable and repeatable process. Butt cut (90°) and bevel cut (45°) joints are available to meet your sealing requirements.

O-rings are produced to RMA Class 2 tolerances and are always visually inspected. 100%.

Our expertise in materials and splicing techniques extends our ability to splice soft durometer materials (40-50), hollow cord stock, and offer cold bonding when the situation calls for it.

Contact us with any requests for special materials and sizes.

FOR A COMPLETE LISTING OF DICHTOMATIK AMERICAS PRODUCTS CALL US AT **800.328.2840** OR VISIT US ON THE WEB AT **DICHTOMATIK.US**.

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ISO 9001 Both distribution and manufacturing

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