

# JBL Splicing Capability

No. 5407B1-USA

## JBL Division Offers Improved Splicing Capability for Solid and Hollow Profile Seals

JBL Division's precision extrusion and spliced products offer an ideal, cost-effective sealing solution for many applications. These include low-closure force seals, large diameter profiles that cannot be molded, hollow cross-section cord or requirements for non-standard O-rings and other extruded profiles with an inside diameter larger than 2.500 inches.

**Product Capability:** The JBL Division's splicing and fabrication capabilities continue to expand:

### Size Capability

**Cross-sections:** .040" to 1.00"

**Spliced I.D.'s:** 2.500" and larger

### Materials

**Silicone**

**Fluorosilicone**

**EDPM**

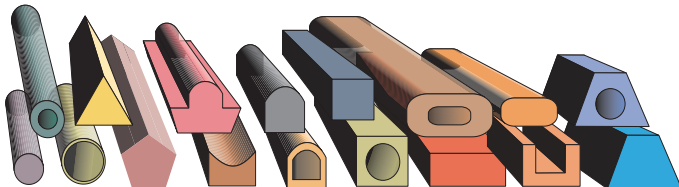
**Fluorocarbon**

**Nitrile**

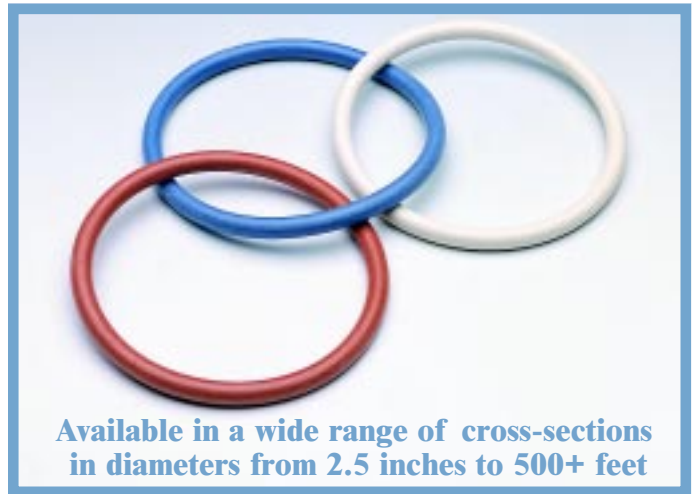
**Durometer's range from 40 to 90 Shore A**

### Profile Cross-Sections

JBL offers an almost unlimited variation of cross-section profiles. Shown below are only a few of the more common extruded profile configurations currently available.



**If you don't see the profile you require here, Call JBL and we'll be happy to custom design one to suit your needs.**



**Available in a wide range of cross-sections in diameters from 2.5 inches to 500+ feet**

### Target Markets and Potential Applications

- Outdoor Electronics & Communications Enclosures
- Electronic Equipment Transit Cases
- Handheld Electronics & Communication Devices
- Semiconductor Applications
- Power Generation Plants
- Low-closure Force Sealing Requirements
- Automotive Applications
- Non-Standard O-rings & Hollow O-rings with I.D.'s greater than 2.500"

### Features and Advantages of JBL Spliced Products

1. Superior hot vulcanization capability (High bond integrity).
2. No tooling required for standard O.D. / I.D. combinations.
3. Exclusive use of quality, sealing-grade materials.
4. Ease of adjusting closure force by adjustment of cross-section design, C/S I.D. or durometer.
5. Hollow cross-sections are excellent replacements for foam or sponge gaskets, offering superior compression set resistance.
6. Interference-fit designs with asymmetrical solid or hollow cross-sections for ease of assembly in seal grooves without adhesives or mechanical retainers.
7. Low-cost option for static face or radial face seal O-rings over 2.500" I.D.
8. Can be used in non-standard grooves.