

EDLON® FUSION WELDING

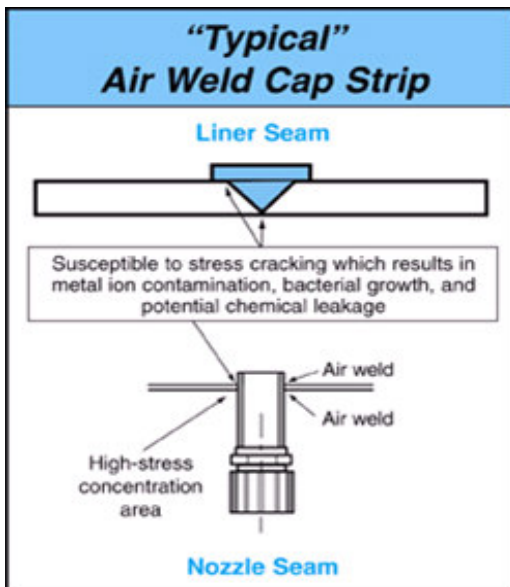
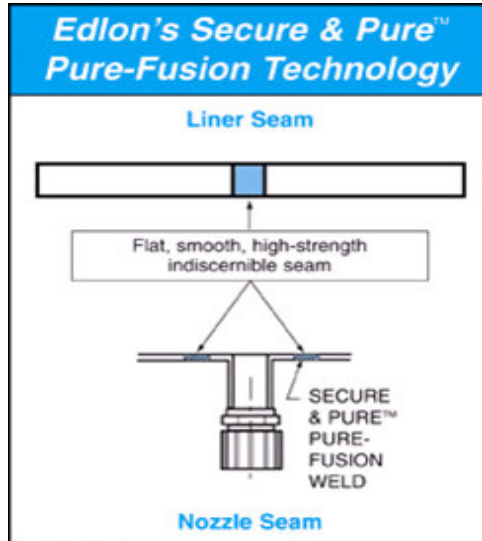
Edlon Fusion Welding Offers Worry-Free Operation

Description

Edlon, Inc. utilizes a proprietary seaming technique wherever possible in all of our products called fusion welding. The ability to offer 100% fusion welded seams in many of our products is unequaled by our competition. Edlon fusion welds exhibit tensile and elongation properties that equal those of the virgin fluoropolymer films. Edlon's fusion welds allow for natural flex and strain, eliminating stress risers and minimizing the chance for stress cracking.

Advantages

Edlon not only fusion welds liner sheets together, but also utilizes this technique to install nozzles into liners. Edlon's fusion-welded nozzle seams enable us to offer low stress nozzle designs to eliminate some of the most common failure modes, such as vapor permeation through a weak air weld. Fusion welded nozzle seams significantly reduce stress risers and the risk of stress-cracking that is normally associated with air welds in these critical areas.



The information and specifications contained in this data sheet are believed to be reliable general guidelines for consideration of the products described herein. The information is general in nature and should not be considered applicable to any specific process or application.

Edlon expressly disclaims any warranty, expressed or implied, of fitness for any specific purpose in connection with the information

Benefits

Eliminates industry-standard air weld or cap strips susceptible to stress-cracking and other failure modes.

Fusion welded seams are flat, smooth, indiscernible, and virtually invisible.

Offers a huge advantage to the high purity and semiconductor industry

No step or crevice between liner sheets for metal ion contamination, bacterial growth, or other impurities to collect and to affect your process and eventually cause it to fail.



www.edlon.com

Edlon, Inc.
 150 Pomeroy Ave.
 P.O. Box 667
 Avondale, PA 19311 USA
 Phone: 610-268-3101 800-753-3566
 Fax: 610-268-8898
 Email: ussales@edlon.com

Edlon UK
 Riverside
 Leven, Fife
 Scotland, KY8 4RW UK
 Phone: 011-44-1-333-4-23020
 Fax: 011-44-1-333-4-26314
 Email: edlonuksales@robn.com

Robbins & Myers, Inc. ©
 Edlon® is a registered trademark of Edlon, Inc.