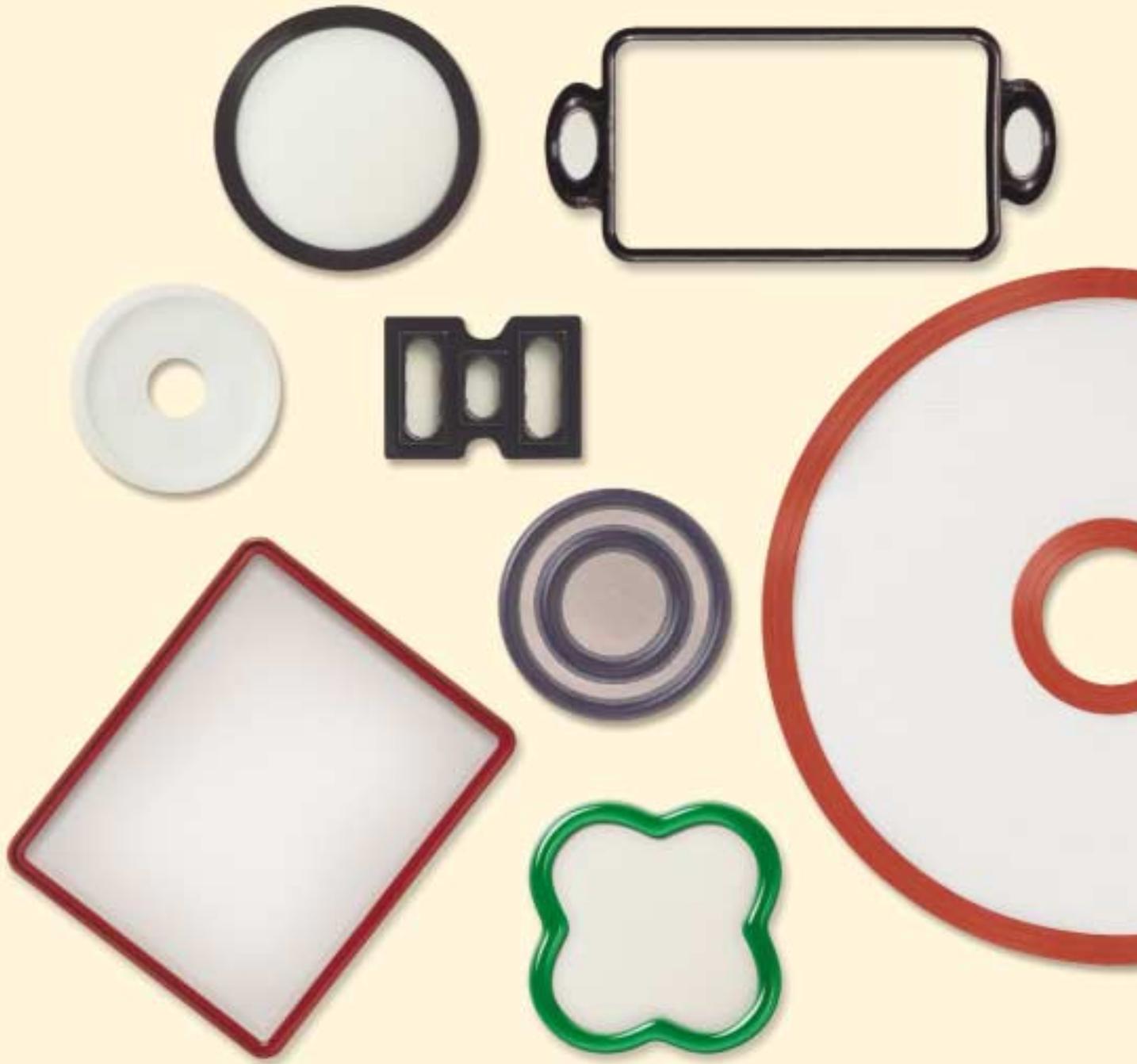


Filter Seal[®]

A seal and filter in one part, custom made for your exact needs.



Filter Seal®

One part, two functions and countless advantages from Apple Rubber.



Apple Rubber pioneered the Filter Seal® more than a decade ago. Since then we have produced more than 10 million parts for numerous applications from various industries. Is your application next? Let our experienced team design and manufacture the right Filter Seal® for you, right from Apple Rubber.

What are the advantages of a Filter Seal®?

- **Custom designs** - Filter Seal® is designed to meet your unique specifications.
- **Multi-functional** - Simplifies your component allowing it to seal and filter with one part instead of two, three or more.
- **Cost- and time-savings** - Only one part to purchase and install.
- **Fast turnaround** - With AS-568B standard O-rings and available fabrics, we can quickly manufacture a seal for you.

An oversize Filter Seal® with unique shape for a vacuum application features dual mesh fabric bonded to silicone sealing material.

An example of a Filter Seal® utilizing Standard AS-568B O-ring and mesh fabric.

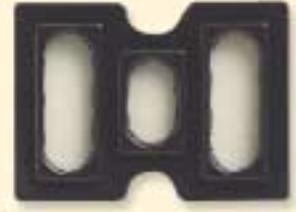




This Filter Seal® features a metal screen in a composite seal design for both I.D. and O.D. filtration in an oil application. A variety of elastomer materials are available for this type of seal.



A Filter Seal® produced in medical grade silicone for blood-contact filtration. Seal requires high precision tolerances.



Filter Seal® used in applications including valves and ports where it is critical to keep contamination and particulates out of small orifices.

Fabric and Weave

The fabric that is molded with an elastomer is determined by factors such as:

- » Filtration requirements » Chemical compatibility
- » Corrosion resistance » Burst strength
- » Flexibility » Tensile strength

Apple Rubber offers a range of fabrics from which our engineers can help you select including:

- » Polyester » Plastic » Nylon » Stainless steel » Dacron

The Right Filter Seal®. Right from Apple.

Filter Seals® are made in the U.S.A. and Apple Rubber sells direct, enabling direct communication with a knowledgeable sales team and design engineers and full accountability from one company.

Design engineering - Our engineers will work with you to create the ultimate Filter Seal® for your particular application, recommending

the right elastomer, the right fabric and mesh pattern. We can work with you at the beginning stages of your product design and show you how Filter Seal® may even help simplify the design and eliminate tooling requirements.

Complete manufacturing capabilities - We utilize proprietary molding processes to manufacture your Filter Seal®, ensuring the highest quality, and we can meet your volume requirements in quantities small and large. In fact, over the past eight years, our production tooling for Filter Seal® has run every single day, creating solutions for customers worldwide.

Unequaled experience - Apple Rubber was among the first pioneers of the filter seal concept and we have refined our designs with 10 million units produced and counting. No one has more experience in plastics, elastomers and composite seals than Apple Rubber.

Superior quality - Apple Rubber earned ISO 9001 Registration from Underwriters Laboratories Inc. (UL). It is testimony to our commitment to offering the highest quality seals and sealing devices available.

An air filtration application utilizes a seal with a square cross section and a filter material of polyester, enabling easy replacement of the filter for periodic maintenance.



This Filter Seal® - nearly 12" O.D. - is used in an oil separation and filtration application. Made with liquid silicone, it is easy to install and replace for periodic maintenance.



As a leading designer and manufacturer of seals and sealing devices, Apple Rubber has the capabilities to meet all your seal requirements. Call or visit our web site today for more information.

www.applerubber.com

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Seal it right. Right from Apple.SM

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Now accepting

