

# Baldwin's Radial Seal Air Filters Provide Superior Protection

## Heavy-Duty Radial Seal

**Gasket** formed from a special urethane compound will not degrade under temperature extremes, changes in restriction or vibration.

**Flexible Outer Edges** allow deflection for easy insertion and removal in housings which have minimal clearance.

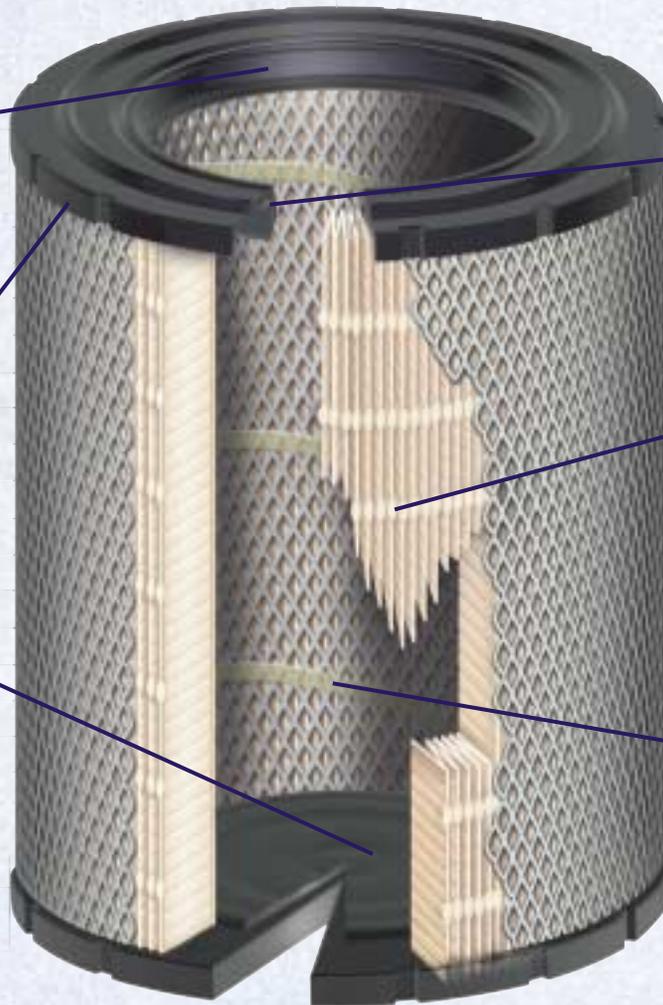
## Heavy-Duty End Cap

**Construction** features a specially reinforced center portion designed to prevent constant flexing and potential failure during changes in intake pressure.

**Seal Support** inserted to help the seal retain its circular shape.

**PermaPleat® Construction** provides even pleat spacing to prevent bunching and insure maximum element life.

**Spiral Glue Binding** provides added pleat stability to optimize media effectiveness.



Baldwin Filters offers a complete line of heavy-duty Radial Seal air filters.

SAE J726 laboratory tests prove Baldwin's Radial Seal air filters outperform OEM radial seal air filters. Unique design advantages not only improve strength and ease of service, but contaminant holding capacity and removal efficiency as well. These advantages make Baldwin Radial Seal air filters the best choice as the aftermarket replacement for popular applications.

**BALDWIN**

Heavy-Duty Performance

**FILTERS**

®

# Baldwin's Radial Seal Filters Provide Maximum Efficiency Mile After Mile



Baldwin's goal is to design air filters that meet or exceed OEM specifications. In Baldwin's state-of-the-art technical center, air filters are tested against the industry standard of air filtration to insure quality and long lasting performance.

Every Baldwin air filter is designed to have an efficient balance of three important characteristics – maximum efficiency, minimum initial restriction and cost-effective service life.

The primary components of a typical heavy-duty radial seal air filter are the seal, molded ends, inner and outer metal wrappers and the media.

The inner and outer metal wrappers protect the filter media and provide structural strength for the completed filter. With 73 percent of the surface area of all Baldwin metal wrappers open, minimal air flow restriction is attained.

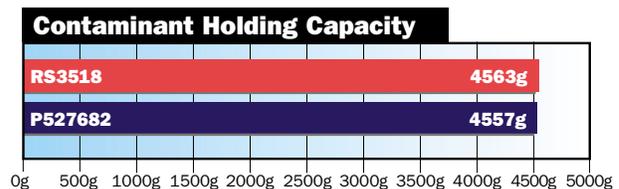
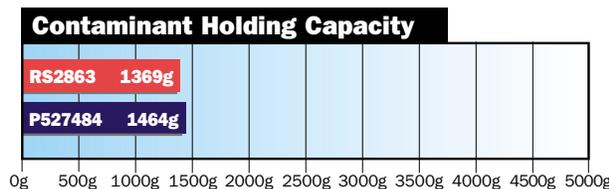
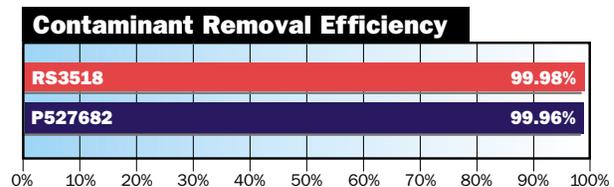
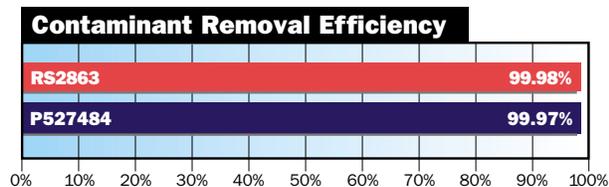
The most important part of the air filter is the media. Baldwin insures maximum strength and minimum restriction through its PermaPleat®

design. PermaPleat® is a special embossing process, which creates built-in pleat spacing in the media. This adds extra stability and separation to prevent pleats bunching together from incoming air.

To complete the process of air filter construction, a urethane compound is used to form the molded ends. This urethane compound bonds the media pack, which includes the inner and outer metal wrappers, forming a strong, yet flexible package. The heavy-duty radial seal gasket formed from this urethane compound is designed to make servicing easier and more cost effective.

The end result of this process is an exceptional balance of filter durability, efficiency and capacity. Trust Baldwin Filters to provide you with clean air filtration solutions.

## Baldwin vs. Leading Competitor



SAE J726 Test: (Flow Rate 850 CFM, PTI Fine Test Dust, Termination at 30" of Water)

SAE J726 Test: (Flow Rate 1400 CFM, PTI Fine Test Dust, Termination at 30" of Water)

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