



## RADIAL SEAL FILTERS

Most important part for the 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 70 percent of the surface area of all Filsan metal wrappers open, minimal air flow restriction is attained.



Filsan guarantees maximum strength and minimum restriction through its special pleat design. Filsan's special designed pleats, 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, an 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 reduces cost. The end result of this process is an exceptional balance of filter durability, efficiency and capacity.

Air filters created by FILSAN meets or exceeds customer and OEM specifications. Filsan's dynamic technical team works on the industry standard of air filtration to insure quality and long lasting performance and design to have an efficient balance of three important characteristics – maximum efficiency, minimum initial restriction and cost-effective service life.



