

# AIRECELL 95

## 95% DOP Filters



### Description

AireCell 95 filters have been designed to provide a higher efficiency than standard "F" rated particulate filters (AS1324.1-2001), but where HEPA filtration is not a requirement.

AireCell 95 filters are rated at E11 to EN 1822:2009.

AireCell95 filters have been manufactured from the highest quality of materials under strict quality control conditions, and are certified to ensure performance under the most critical of conditions for performance and leak-free operation.

Typical applications for AireCell 95 filters include, medical facilities, universities, pharmaceutical manufacturing, research facilities, food and dairy processing facilities and in any application where ultra clean air is a requirement.

### Construction

The AireCell 95 filter construction is similar to that of the AireCell HEPA filter in that the casing is manufactured from 1.6mm galvanised steel of which is constructed into a double turned flange arrangement. The AireCell 95 filter media is manufactured from moisture resistant micro glass fibre media, which is highly resistant to moisture in high humidity environments.

The media is then formed into closely-spaced pleats held apart by corrugated aluminium separators to ensure uniform airflow throughout the media pack. The media pack is then potted into place by urethane sealant into the casing.

### Testing

Each AireCell 95 filter is individually tested and certified to meet the customer's requirements for resistance and efficiency. Each filter is labelled noting tested efficiency, pressure drop, rated airflow and serial number.

### Options

- 304 or 316 Stainless Steel
- Marine Plywood Casing (non ferrous applications)
- Polypropylene Separators
- Upstream & Downstream Faceguard Screens
- Non-standard Sizes Readily Available
- Fluid Seal – 55mm Long "Skirt"
- Box Style Design



AireCell 95 - Gasket Seal Filter

Model	Rated Airflow Volume (l/sec)	Pressure Drop (Pascals)		Actual External Dimensions (mm)			Efficiency @ 0.30µ	Weight (kg)
		Initial	Final	Height	Width	Depth		
AP5161632	340	250	500	290	594	149	95.00	4.8
AP5161662	680	250	500	595	595	149	95.00	8.2
AP5161363	472	250	500	290	594	292	95.00	11.4
AP5161663	944	250	500	594	594	292	95.00	16.8

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The information provided in this brochure is accurate at the time of printing to the best of Shamon Filtrations' knowledge, however, it should not be relied upon. Circumstances differ with every installation and location therefore suitability of all SAFE products should be confirmed with a qualified SAFE Technical Representative. Rev 1015 ©Shamon Air Filtration Equipment 2015

