



# Autoclave Filter Elements

Walker Filtration's Autoclave Filter Elements are used to ensure atmospheric air entering an autoclave is both sterile and safe to use, protecting the load from external contamination. They are recommended for use in both medical and industrial applications, during the vacuum break cycle.

Manufactured from corrosion resistant materials and designed to operate in demanding environments, Walker Filtration's Autoclave Filter Elements utilise high performance filtration with 100% sterilising efficiency.

Constructed to an exceptionally high quality standard, our Autoclave Filter Elements remove solid and biological particles down to 0.01 micron. They also exceed efficiencies of conventional HEPA filters and are confirmed in accordance with BS3928 Sodium Flame Test with a penetration of less than 0.001%.

Each filter is supplied with a replaceable outer foam pre-filtration sock which provides protection to the high efficiency media against large atmospheric particles.



- **High Efficiency Filtration** 100% sterilising efficiency and particle removal down to 0.01 micron, exceeding efficiencies of conventional HEPA filters.
- **Corrosion Resistant** Manufactured from corrosion resistant materials and designed to operate in demanding environments
- **High Dirt Holding Capacity** High efficiency borosilicate glass microfiber filter media offers over 95% voids volume providing exceptionally high dirt holding capacity
- **Product Safety in Mind** Quality design in line with requirements of BS EN 285
- **Detachable Pre-filtration Layer** Each filter has a replaceable outer foam pre-filtration sock



Medical



Dental



Pharmaceutical



Instrumentation



Industrial

For further information please call: **+44 (0) 191 417 7816**



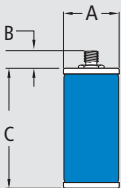
# Technical Specification

Filter model	Connection size	Flow rate		Dimensions (mm)			Weight	
		Nm <sup>3</sup> /hr	SCFM	A	B	C	lbs	Kg
AF1	Rp 1/2	20	12	83	23	103	0.64	0.29
AF2	Rp 1/2	40	24	83	83	183	0.77	0.35
AF1 socks	foam prefilter socks to fit AF1 (pack of ten)							
AF2 socks	foam prefilter socks to fit AF2 (pack of ten)							

Grade	AF
Particle removal	0.01 micron
Penetration at 0.3 micron	<0.005%
Maximum operating temperature (recommended)	273°F / 134°C
Element end cap material	Acetal

## Technical Notes

1. Autoclave Filter Elements are manufactured from corrosion resistant materials and are designed specifically to operate in arduous environments.
2. The elements can be steam sterilised at 134°C (273°F) and are guaranteed for up to 50 sterilisation cycles.
3. High efficiency borosilicate glass microfiber filter media offers over 95% voids volume providing exceptionally high dirt-holding capacity for long service life.
4. Each Autoclave Filter Element is supplied with a replaceable outer foam pre-filtration sock. This provides protection to the high efficiency microfiber media against large atmospheric dirt particles.
5. Designed to meet the requirements of BS EN 285.
6. Remove and replace sock when steam sterilising.
7. The autoclave filter can be steam sterilised allowing the filter to be re-used, simply remove the outer foam pre-filtration sock before steam sterilising the filter, and replace with a new pre-filtration sock once sterilisation is complete.



AF1 & AF2

CRN

