

These filtration foams meet the standard of class UL94 HF-1 of Underwriters Inc. In polyurethane or polyester, obtained by a thermal cross-linking process and impregnated in a bath to obtain a fire retardant, these filter media designed with calibrated and open cells provide regular filtration. Their 3-dimensional networks allow significant dust retention without generating significant pressure loss. The volume of these foams does not vary in the presence of liquid except with certain solvents. They can be supplied at the desired thickness from 4 to 40 mm in a range of 10 to 100 PPI in plates or cut to measure.



## Technical characteristics

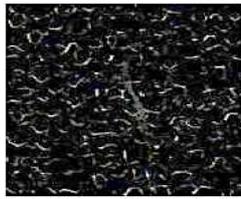
Filter Foam RFR UL94 HF-1			
Features	Units	Values	Remarks
Material	/	Polyester, Polyurethane	
Color	/	Black	
Number of cells per inch	PPI	10 à 100	Up to 5*
Dimensions	mm	1 220 x 3 000 * (Standards Sheets)	Custom cut
Tolerances on cutting	mm	+/- 1	
Thickness	mm	4 à 40	According to PPI by pallier of 1
Thickness tolerance	mm	+/- 1	
Density	Kg/m <sup>3</sup>	32 à 51	According to PPI
Flame-keeping	UL	94 HF-1	UL94 / E23XXX2 (Full number on order)
Tensile strength	psi	22	
Tear resistance	N/m	0.508	
Working temperature	°C	-55 to 140	
RoHS conformity	/	Yes	ROHS (3)

\* Nous consulter

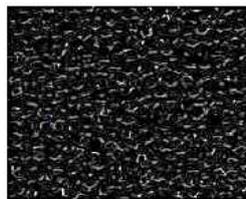
### Exemples :



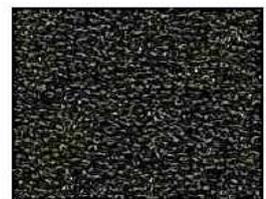
10 PPI



30 PPI



45 PPI



60 PPI

The results were obtained under laboratory conditions and should be considered only as an indication. As AB2E has no control over its customers' equipment and many other factors, it is the user's responsibility to carry out its own tests to ensure that the product corresponds to its needs.

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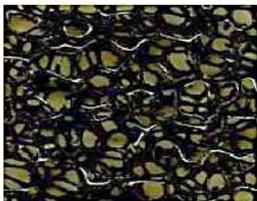


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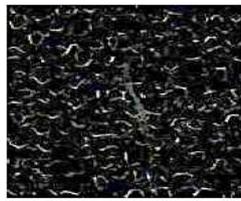
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RoHS conformity	/	Yes	

\* On request

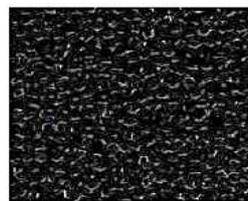
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