

ACCUGAF™



ACCUGAF™, Filter Bags for Applications Demanding Efficiency >99%

The ACCUGAF filter bag pushes the boundaries of bag filtration technology far beyond traditional designs. With efficiencies >99%, each ACCUGAF model provides cost-effective filtration solutions for demanding applications. The five models assure users that particles from the range of 1.25 microns can be removed effectively while delivering long service life.

High-Efficiency Performance

ACCUGAF filter bags feature:

- 100% welded seams
- Patented SENTINEL® seal ring
- Meltblown filtration media in polypropylene or polyester
- No additives, such as resins, binders or surface treatments

FDA Compliant Materials

ACCUGAF Polypropylene filter bags are constructed entirely of materials compliant to FDA requirements for materials in contact with food. All materials conform to US Code of Federal Regulations 21 CFR Part 177 and EU Directive 2002/72/EC.

Applications

Although ideally suited for food and beverages, ACCUGAF filter bags will deliver equal performance in a wide range of demanding applications such as:

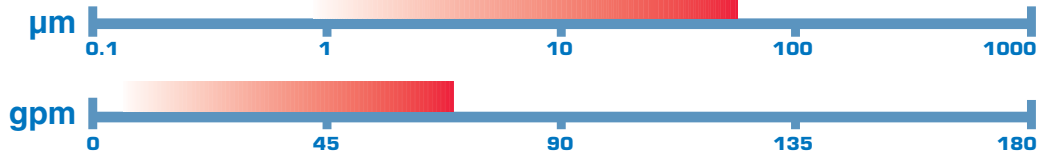
- Beer, wine, spirits and beverage filtration
- Fine particle removal in parts cleaning
- Final filtration of lacquers
- Final filtration of vinegar
- Activated carbon removal in process systems
- Final filtration of hydraulic oils and lubricants

ACCUGAF Filter Bag Filtration Ratings

Material	Filter Model	Particle Size at Common Removal Efficiencies (µm)					ΔP (psi) Size 02 @ 45 gpm	Max Op. Temp (°F)
		>60%	>90%	>95%	>99%	>99.9%		
Polypropylene	AGF 51	0.2	0.6	0.8	1.5	5	1.30	190
	AGF 53	0.8	1	2	3	5	3.20	190
	AGF 55	1	2	3	5	15	0.73	190
	AGF 57	2	4	5	10	25	0.60	190
	AGF 59	10	25	30	25	35	0.44	190
Polyester	AGFE 51	0.2	0.6	0.8	1.5	5	1.30	320
	AGFE 55	1	2	3	5	15	0.73	300
	AGFE 57	2	4	5	10	25	0.60	300

Filtration efficiency confirmed by independent testing laboratory.

ABSOLUTE



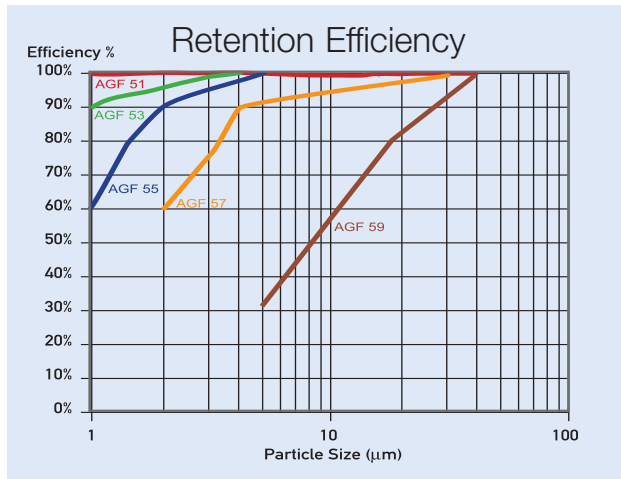
OPERATIONAL CONSIDERATIONS

Bag Positioner

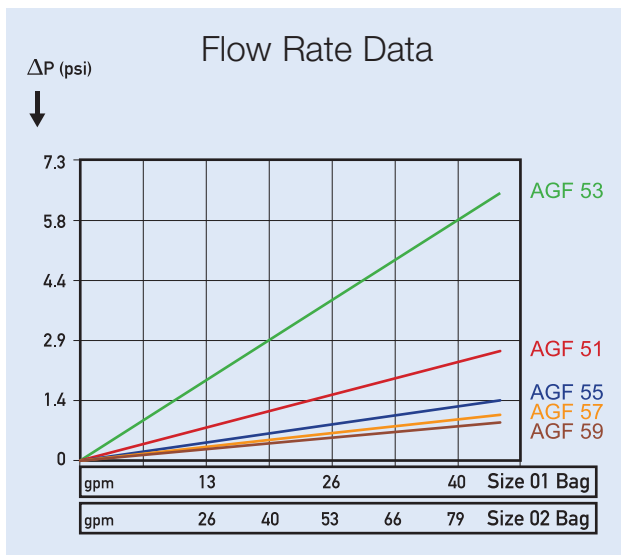
ACCUGAF filter bags must be used with the Eaton bag positioner. This eases insertion and assures correct alignment of the filter bag inside the restrainer basket. In addition, the filter bag will be protected against damage to inadvertent back-flow.

Pre-Wetting in Aqueous Solutions

ACCUGAF polypropylene filter bags are fabricated from microfiber filtration media. These materials are hydrophobic, indicating that water will not wet the fiber surfaces. As will all other fine polypropylene filters, a lower surface tension fluid (wetting agent) must be used to wet the media prior to introducing water. Prior to service, the filter bags must be immersed in a wetting solution compatible with the process fluid. After wetting, an aqueous fluid will be drawn into the media through capillary action. Full details about installation and wetting are provided with every box of ACCUGAF filter bags.



ACCUGAF Filter Bags are available in retention codes of 51, 53, 55, 57, and 59. To select the perfect ACCUGAF Filter Bag for your application use the chart and choose the retention efficiency level you need on the left side of the chart at particle size in microns at the bottom. Next find which bag efficiency code (identified by the colored lines) is closest to that point. There you have it, the most cost effective filter bag for your critical filtration application.



PRODUCT CODES

ACCUGAF™ AGF: polypropylene melt-blown AGFE: polyester melt-blown		E: Polypropylene Mesh R: Polyester Mesh	E: PP SENTINEL® Ring H: Hytrel SENTINEL® Ring	Bags/Box Box Size (inches) 01/02 10M 19 x 12 x 14																						
AGF	53	E	02	E	O																					
Bag Material	Micron Rating µm	Bag Cover Layer	Bag Size	Collar/Ring Type	Bottom Shape																					
	<table border="1"> <tr> <td>AGF</td> <td>AGFE</td> </tr> <tr> <td>51</td> <td>51</td> </tr> <tr> <td>53</td> <td>-</td> </tr> <tr> <td>55</td> <td>55</td> </tr> <tr> <td>57</td> <td>57</td> </tr> <tr> <td>59</td> <td>-</td> </tr> </table>	AGF	AGFE	51	51	53	-	55	55	57	57	59	-		<table border="1"> <tr> <td>Code</td> <td>Size</td> <td>Area</td> </tr> <tr> <td>01</td> <td>ø 7 x 17 inches L</td> <td>2.6 sqft</td> </tr> <tr> <td>02</td> <td>ø 7 x 32 inches L</td> <td>5.2 sqft</td> </tr> </table>	Code	Size	Area	01	ø 7 x 17 inches L	2.6 sqft	02	ø 7 x 32 inches L	5.2 sqft		round bottom
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