

Food and Industrial Liquids Processing

Ahlstrom offers a range of high quality filtration media for separating particles from fluid in manufacturing processes.

Ahlstrom selection includes grades suitable for general coarse filtration, fine filtration, and retention of specified particle sizes during the clarification of various liquids.

We also offer grades that are used as a septum to hold filter aids in a plate and frame filter presses or other filtration configurations, to remove low levels of particulate, and many other applications.

Benefits

- ✓ **Wide variety of basis weights, thickness, and flow rates**
- ✓ **High wet strength integrity**
- ✓ **Die cut shapes for specific applications**
- ✓ **Roll goods for further converting**
- ✓ **Grades suitable for food contact**

Characteristics

At Ahlstrom we deliver a consistent and uniform product that contributes to the reproducibility of your process. Suitable grades for many industries are available in creped and smooth surfaces and consisting of 100% cellulose or with an incorporated resin to increase wet strength.

At Ahlstrom we can recommend the best grade for use in industries such as:

- Production of alcoholic, soft drink, and fruit juice beverages
- Food processing of syrups, cooking oils, and shortenings
- Metal finishing and other chemical processes
- Refinement and separation of petroleum oils and waxes

Grade Information

Slow Flow Rate

Grade	Basis Weight		Caliper		Rapidity	Retention	Creped
	g/m ²	lbs	mils	mm	mls/min	µm	
901	491	140	50	1.27	60	1.5	
904	298	85	30	1.76	70	2	
909	70	20	6.3	0.16	65	3	
950	88	25	7.8	0.20	14	2	

Medium Flow Rate

Grade	Basis Weight		Caliper		Rapidity	Retention	Creped
	g/m ²	lbs	mils	mm	mls/min	µm	
923	246	70	26	0.66	200	20	
938*	190	54	28	0.71	200	14	
961	123	35	8.3	0.46	360	40	●
962	70	20	10.3	0.26	245	27	●
986*	263	75	39.2	1.00	100	10	
992	49	14	6.7	0.17	130	43	●

Fast Flow Rate

Grade	Basis Weight		Caliper		Rapidity	Retention	Creped
	g/m ²	lbs	mils	mm	mls/min	µm	
933	246	70	40	1.02	435	27	●
963	190	54	28.5	0.72	440	30	●
967	246	70	40	1.02	475	33	●
968	176	50	27.5	0.70	600	40	●
1278	123	35	19.5	0.50	1400	45	
1384	151	43	23	0.58	475	31	●

*Unbleached grade. Basis weight is the weight, in pounds, of 500 sheets, 20"x20". Retention is the nominal 98% efficiency, measured with a particle counter. All data listed are typical properties. Many additional grades are available.

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