



Advanced Filtration

Extraction Thimbles

- Made from high purity materials
- Consistent physical properties
- Available in a wide range of sizes
- Fit into popular automatic extraction systems

Ahlstrom offers high purity extraction thimbles in cellulose for Soxhlet extractions and in glass and quartz for the analysis of environmental pollution.

Cellulose thimbles are high quality sample reservoirs for quality control, research, and analytical applications where solvent extraction of solids and semi-solids must be carried out. The use of a Soxhlet extractor provides a safe method of extraction with toxic and other noxious solvents.

Ahlstrom high purity cellulose extraction thimbles are recommended for applications including:

- Determination of fats in food
- Analysis of lacquer and binder in paints
- Vitamin A and carotene extractions
- Extraction of organic compounds from reaction mixtures
- Polymer determination in polymer industry
- Quality management of components used in pharmaceutical formulations

Micro-glass fiber thimbles are a convenient tool for the separation of aerosol droplets and condensate from gases for applications including:

- Sampling dust particles and aerosols from gaseous streams
- Soxhlet extractions requiring solvents too aggressive for the cellulose thimbles

Micro-quartz fiber thimbles meet the highest purity requirements due to the lowest possible heavy metal content. Applications include:

- Emission testing in high-temperature environments
- Testing acidic gases not compatible with micro-glass fiber thimbles

Characteristics and benefits

Ahlstrom provides high purity extraction thimbles of consistent quality to aid in analytical test reproducibility. All extraction thimbles are hollow cylinders with a round bottom.

Typical grade properties

Thimble type	Cellulose – ET/C	Micro-Glass fiber – ET/MG 160	Micro-Quartz fiber – ET/MK 360
Inner diam – mm	+0/ -3	+1/ -3	+0/ -3
Thimble ext. length – mm	± 1	± 1	± 1
wall thickness – mm	1.5 ± 0.5	2 ± 0.5	2 ± 0.5
Ash content – %	< 0.1	–	–
Penetration – % DOP (0.3µm)	–	<0.002	<0.002
Temperature resistance – °C	–	500 max	900 max

Catalog numbers (25 thimbles / box)

Cellulose thimbles – ET/C							
Size	Reference	Size	Reference	Size	Reference	Size	Reference
22x80 mm*	142002	26x100 mm	142018	30x100 mm	142029	33x94 mm*	142010
25x80 mm	142003	28x80 mm	142021	3x60 mm	142446	33x100 mm	142022
25x100 mm*	142004	28x100 mm	142016	33x80 mm**	142009	33x118 mm	142083
26x60 mm	142005	30x80 mm	142026	33x90 mm	142109	43x123 mm*	142012

* fits Büchi B-811.

** fits Gerhard Soxterm Automatic, Foss Tecator Systems, Velp Solvent Extractors.

Micro-Glass fiber thimbles – ET/MG 160							
Size	Reference	Size	Reference	Size	Reference	Size	Reference
19x70 mm	400040	23x70 mm	400019	28x100 mm	400037	35x150 mm	400009
19x90 mm	400014	25x50 mm	400093	30x77 mm	400004	53x145 mm	400011
22x68 mm	400013	25x95 mm	400041	30x100 mm	400015	–	–
22x70 mm	400109	25x100 mm	400002	33x94 mm	400007	–	–

Micro-Quartz fiber thimbles – ET/MK 360							
Size	Reference	Size	Reference	Size	Reference	Size	Reference
19x90 mm	400065	22x100 mm	400063	25x90 mm	400070	30x100 mm	400062
22x62 mm	400055	23x70 mm	400077	25x100 mm	400056	34x150 mm	400059
22x68 mm	400058	24x65 mm	400078	28x80 mm**	400101	43x123 mm	400052
22x70 mm	400067	25x70 mm	400057	30x77 mm	400050	48x145 mm	400074

Other sizes of ET/C, ET/MG 160 and ET/MK 360 are available upon request. Please contact customer service for details.

Contact Ahlstrom sales

EMEA

+49 3 73 47 830

filtration@ahlstrom.com

Asia - China

+86 21 64 669 222

filtration@ahlstrom.com

South America

+55 19 3878 9238

filtration@ahlstrom.com

Learn more: www.ahlstrom.com

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability of fitness for use. All users of the material are responsible for ensuring that it is suitable for their needs, environment and end use. All data is subject to change as Ahlstrom deems appropriate.