

Extraction Thimbles

Ahlstrom-Munksjö offers high purity extraction thimbles in cellulose for Soxhlet extractions and in glass and quartz for the analysis of environmental pollution. All extraction thimbles are hollow cylinders with a round bottom.

Ahlstrom-Munksjö 7100: Cellulose thimbles

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-Munksjö 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. Walls of cellulose thimbles are approximately 1.5 mm thick and have been found to perform satisfactorily in application requiring either a single or double wall thickness.

Ahlstrom-Munksjö ET/MG160: Micro-glass fiber thimbles

Glass thimbles are used to sample dust particles and aerosols from gaseous streams in the analytical registration of environmental pollution and for Soxhlet extractions requiring solvents too aggressive for the cellulose thimbles.

Ahlstrom-Munksjö ET/MK360: Micro-quartz fiber thimbles

Quartz thimbles are used for emission testing in high temperature environments. They can also be used for testing acidic gases which are not compatible with micro-glass fiber thimbles. Quartz meets the highest purity requirements due to the lowest possible heavy metal content.

KEY FEATURES

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



Typical grade properties

Grades	Inner Diameter (mm)	Thimble Ext. Length (mm)	Wall Thickness (mm)	Ash Content %	Penetration % DOP (0.3 µm)	Temperature Resistance °C
7100 - ET/401	+0/ -3	± 1	1.5 ± 0.5	< 0.1		
ET/MG160	+0/ -3	± 1	2 ± 0.5		<0.002	500 max
ET/MK360	+0/ -3	± 1	2 ± 0.5		<0.002	900 max

Catalog numbers (25 thimbles/box)

*Additional sizes available; Minimum order quantities may apply to items not listed in table.

Size*	Cellulose 7100	Glass ET/MG160	Quartz ET/MK360
19x90		E160-1990	
22x80	7100-2280	E160-2280	
25x100			E360-2500
25x80	7100-2580		
26x60	7100-2660		
30x100	7100-3000	E160-3010	
30x80	7100-3080		
33x100	7100-3300		
33x80	7100-3380		
33x94	7100-3394	E160-3394	
43x123	7100-4323		E360-4323