

Cellulose Extraction Thimbles

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High Performance Cellulose Extraction Thimbles

Cellulose extraction thimbles are produced from high-quality alpha cellulose cotton linter and have excellent mechanical strength and retention.

Standard single thickness thimbles have a wall thickness of approximately 1 mm (10.0 µm nominal particle retention).

Double thickness thimbles have a wall thickness of approximately 2 mm (6.0 µm nominal particle retention) for applications where higher retention and increased wet or dry strength, or rigidity are required.

The high purity of the materials ensures reliable and reproducible analytical results.

Standard Cellulose Extraction Thimbles

Thimbles of type 603 are made from high-quality cellulose and 603 g thimbles are made from borosilicate glass fibers with an inorganic binder. For all automated extraction apparatus in common use, Whatman offers thimbles whose dimensions are matched exactly to those of the thimble holders to ensure optimal fit.



Thimble size selection guide

Thimble sizes should be selected carefully to fit extractors correctly. The different sizes represent the established practice of showing the internal diameter and overall length of the thimble in millimeters. Therefore, an extra allowance for wall thickness should be made when calculating external diameters. The thimble should pass through the narrower end of the upper extractor socket, allowing 1 to 2 mm clearance, and be 5 to 10 mm above the level of the top of the siphon tube.

Technical Data - Standard Extraction Thimbles

Grade	Material	Max. temperature °C
603	Cellulose	120
603 g	Borosilicate glass fibers*	500

* With inorganic binder

Ordering Information - Cellulose Extraction Thimbles

Catalog Number	Description
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High Performance Cellulose Extraction Thimbles

Single Thickness (wall = 1 mm)

2800-105	Cellulose Thimbles, Single Thickness, 10 x 50 mm, 25pk
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2800-185	Cellulose Thimbles, Single Thickness, 18 x 55 mm, 25/pk
2800-199	Cellulose Thimbles, Single Thickness, 19 x 90 mm, 25pk
2800-226	Cellulose Thimbles, Single Thickness, 22 x 65 mm, 25/pk
2800-228	Cellulose Thimbles, Single Thickness, 22 x 80 mm, 25/pk
2800-258	Cellulose Thimbles, Single Thickness, 25 x 80 mm 25/pk
2800-259	Cellulose Thimbles, Single Thickness, 25 x 90 mm, 25/pk
2800-250	Cellulose Thimbles, Single Thickness, 25 x 100 mm, 25/pk
2800-260	Cellulose Thimbles, Single Thickness, 26 x 100 mm, 25/pk
2800-266	Cellulose Thimbles, Single Thickness, 26 x 60 mm, 25/pk
2800-280	Cellulose Thimbles, Single Thickness, 28 x 100 mm, 25pk
2800-282	Cellulose Thimbles, Single Thickness, 28 x 120 mm, 25pk
2800-288	Cellulose Thimbles, Single Thickness, 28 x 80 mm, 25pk
2800-307	Cellulose Thimbles, Single Thickness, 30 x 77 mm, 25pk
2800-308	Cellulose Thimbles, Single Thickness, 30 x 80 mm, 25pk
2800-300	Cellulose Thimbles, Single Thickness, 30 x 100 mm, 25/pk
2800-338	Cellulose Thimbles, Single Thickness, 33 x 80 mm, 25pk
2800-339	Cellulose Thimbles, Single Thickness, 33 x 94 mm, 25pk
2800-330	Cellulose Thimbles, Single Thickness, 33 x 100 mm, 25pk
2800-373	Cellulose Thimbles, Single Thickness, 37 x 130 mm, 25pk
2800-412	Cellulose Thimbles, Single Thickness, 41 x 123 mm, 25pk
2800-331	Cellulose Thimbles, Single Thickness, 33 x 118 mm, 25/pk
2800-432	Cellulose Thimbles, Single Thickness, 43 x 123 mm, 25/pk
2800-608	Cellulose Thimbles, Single Thickness, 60 x 180 mm, 25pk

Double Thickness (wall = 2 mm)

2810-166	Cellulose Thimbles, Double Thickness, 16 x 60 mm, 25/pk
2810-228	Cellulose Thimbles, Double Thickness, 22 x 80 mm, 25/pk
2810-258	Cellulose Thimbles, Double Thickness, 25 x 80 mm, 25/pk
2810-266	Cellulose Thimbles, Double Thickness, 26 x 60 mm, 25/pk
2810-338	Cellulose Thimbles, Double Thickness, 33 x 80 mm, 25/pk
2810-339	Cellulose Thimbles, Double Thickness, 33 x 94 mm, 25pk
2810-432	Cellulose Thimbles, Double Thickness, 43 x 123 mm, 25/pk

Standard Cellulose Extraction Thimbles

10350306	603 Cellulose thimbles, 22 x 60 mm - thickness 2.0 mm, 25/pk
10350211	603 Cellulose thimbles, 22 x 80 mm - thickness 1.5 mm, 25/pk
10350215	603 Cellulose thimbles, 25 x 60 mm - thickness 1.5 mm 25/pk
10350216	603T Cellulose thimbles, 25 x 70 mm - thickness 1.5 mm, 25/pk
10350217	603 Cellulose thimbles, 25 x 80 mm - thickness 1.5 mm, 25/pk
10350219	603 Cellulose thimbles, 25 x 100 mm - thickness 1.5 mm, 25/pk
10350220	603 Cellulose thimbles, 26 x 60 mm - thickness 1.5 mm, 25/pk

Cellulose Extraction Thimbles

10350223	603 Cellulose thimbles, 27 x 80 mm - thickness 1.5 mm, 25/pk
10350225	603 Cellulose thimbles, 28 x 60 mm - thickness 1.5 mm, 25/pk
10350226	603 Cellulose thimbles, 28 x 80 mm - thickness 1.5 mm, 25/pk
10350227	603 Cellulose thimbles, 28 x 100 mm - thickness 1.5 mm, 25/pk
10350234	603 Cellulose thimbles, 30 x 80 mm - thickness 1.5 mm, 25/pk
10350235	603 Cellulose thimbles, 30 x 90 mm - thickness 1.5 mm, 25/pk
10350236	603 Cellulose thimbles, 30 x 100 mm - thickness 1.5 mm, 25/pk
10350303	603 Cellulose thimbles, 31 x 80 mm - thickness 1.5 mm, 25/pk
10350238	603 Cellulose thimbles, 33 x 60 mm - thickness 1.5 mm, 25/pk
10350240	603 Cellulose thimbles, 33 x 80 mm - thickness 1.5 mm, 25/pk
10350241	603 Cellulose thimbles, 33 x 90 mm - thickness 1.5 mm, 25/pk
10350242	603 Cellulose thimbles, 33 x 94 mm - thickness 1.5 mm, 25/pk
10350243	603 Cellulose thimbles, 33 x 100 mm - thickness 1.5 mm, 25/pk
10350245	603 Cellulose thimbles, 33 x 118 mm -thickness 1.5 mm, 25/pk
10350247	603 Cellulose thimbles, 33 x 130 mm - thickness 1.5 mm, 25/pk
10350250	603 Cellulose thimbles, 33 x 205 mm - thickness 1.5 mm, 25/pk
10350250	603 Cellulose thimbles, 33 x 205 mm - thickness 1.5 mm, 25/pk
10350252	603 Cellulose thimbles, 34 x 130 mm - thickness 1.5 mm, 25/pk
10350254	603 Cellulose thimbles, 35 x 120 mm - thickness 1.5 mm, 25/pk
10350255	603 Cellulose thimbles, 35 x 150 mm -thickness 1.5 mm, 25/pk
10350261	603 Cellulose thimbles, 40 x 85 mm - thickness 2.0 mm, 25/pk
10350265	603 Cellulose thimbles, 41 x 123 mm - thickness 2.0 mm, 25/pk
10350273	603 Cellulose thimbles, 48 x 145 mm - thickness 2.0 mm, 25/pk
10350274	603 Cellulose thimbles, 48 x 200 mm - thickness 2.0 mm, 25/pk
10350275	603 Cellulose thimbles, 44 x 230 mm - thickness 2.0 mm, 25/pk
10350287	603 Cellulose thimbles, 75 x 250 mm - thickness 2.5 mm, 25/pk
10350324	603 Cellulose thimbles, 80 x 250 mm - thickness 3.0 mm, 25/pk
2800-412	Cellulose Thimbles, Single Thickness, 41 x 123 mm, 25pk
10350437	603T Cellulose Thimbles, 33 x 80 mm - thickness 1.0 mm, 25/pk
10350106	Extraction thimbles for DIONEX ASE 200 extraction cell 11 ml, 25/pk
10350108	Extraction thimbles for DIONEX ASE 200 extraction cell 22 ml, 25/pk
10350109	Extraction thimbles for DIONEX ASE 200 extraction cell 33 ml, 25/pk
10350328	Extraction thimbles for DIONEX ASE 100/300 extraction cell 34 ml, 25/pk
10350327	Extraction thimbles for DIONEX ASE 100/300 extraction cell 66 ml, 25/pk
10350315	Extraction thimbles for DIONEX ASE 100/300 extraction cell 100 ml, 25/pk