

Filtration

Extraction thimbles

Pure filter power

Analytical chemists worldwide appreciate MACHERY-NAGEL extraction thimbles for their purity and consistent high quality.

Extraction thimbles are often used in Soxhlet extractors or automated extractors. These are typically employed, where multiple extraction cycles are required to dissolve the desired compound. Extraction units equipped with MN extraction thimbles **minimize the hands-on time** and **ensure a complete extraction**.



Analysis of soil contaminants



Determination of binder content in asphalt



Fat determination in food and feed

Extraction thimbles

Thimble grade selection

Only demineralized water is used in processing and manufacture of the extraction thimbles. This **high purity** ensures low contamination and **effectively protects the extract**.

The **raw materials** are a special selection based on years of experience. Mechanical strength and excellent retention capacities **guarantee a safe and reliable extraction**.

Grade	Description	Application, examples
645	Extraction thimbles, standard quality made from cellulose	<ul style="list-style-type: none"> Fat determination in food and feed Determination of binder content in asphalt Analysis of soil contaminants Determination of additives in rubber and elastomers
649	Extraction thimbles made from high purity glass fibres	<ul style="list-style-type: none"> Pollution monitoring, air sampling High temperature filtration (up to 500 °C) For solvents incompatible with cellulose thimbles (for example strong acids or bases)

Thimble size selection

The thimble sizes undergo a special quality control procedure with **low tolerances**. These **ensure a perfect fit** of the extraction thimbles and a convenient workflow. The sizes in the table represent the established practice of showing the internal diameter and the overall height.

Ordering information

Please find below the most commonly used extraction thimbles. The complete range of references is given in our catalog „Filtration“.

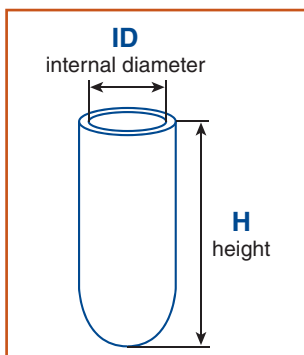
Extraction thimbles with **additional diameters and heights** that are not in the catalogue can be supplied on request. Such thimbles **provide optimal usability** for special applications.

Grade 645, packs of 25

ID x H [mm]	Reference	ID x H [mm]	Reference
20 x 80	645005	30 x 80	645020
22 x 80	645006	30 x 100	645023
28 x 80	645015	33 x 80	645951
29 x 100	645017	33 x 94	645022

Grade 649, packs of 25

ID x H [mm]	Reference	ID x H [mm]	Reference
22 x 80	649106	33 x 94	649122
33 x 80	649120	33 x 100	649123



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