Filtration

Extraction thimbles

Pure filter power

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

Extraction thimbles are often used in Soxhlet extractors or automized 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 quarantee a safe and reliable extraction.

Grade	Description	Application, examples
645	Extraction thimbles, standard quality made from cellulose	 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	 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	ID	
20 x 80	645005	30 x 80	645020	internal diameter	
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, p	н				
ID x H [mm]	Reference	ID x H [mm]	Reference	height	
22 x 80	649106	33 x 94	649122		
33 x 80	649120	33 x 100	649123	<u>↓</u>	



Further information and products: www.mn-net.com MACHEREY-NAGEL

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