



Product Information

Micro-Mesh® electroformed, precision sieves can help ensure product quality in both laboratory and manufacturing applications. Micro-Mesh sieves are used to sort, sift, screen and classify a variety of materials to determine particle size and shape.

The flat, smooth surface of the Micro-Mesh sieve simplifies cleaning and minimizes clogging and particulate entrapment.

Micro-Mesh sieves are precise instruments custom-produced from electroformed mesh material and assembled in a variety of standard diameter frames.

The nickel Micro-Mesh sieve features square apertures approximately .001" thick, with mesh sizes starting from 3 microns. The mesh can be supported by a nickel-plated copper/nickel support grid, and is supplied in stainless steel frames. The support grid is offered in 2.5 lines per inch, 5 lines per inch, and 14 lines per inch configurations.

The stainless steel frames are offered in five standard sizes, including two metric sizes.

Sieve Sizes:

Diameter	3"	8"	12"	100mm	200mm
Height	1" or 2"	1" or 3"	2"	40mm	50mm
Mesh size	Produced to customer specifications				
Mesh Tolerance	+ - 2 microns	+ - 2 microns	+ - 3 microns	+ - 2 microns	+ - 2 microns

Accessories

As sieves are often used for sequential particle sizing, Micro-Mesh sieves are available with matching pans, covers, and nesting pans for complete classification systems. These accessories are made from stainless steel, as are the sieve frames.

Pans and covers are offered as a set, while nesting pans are offered separately.

Certifications

Micro-Mesh sieves comply with ISO specifications 3310-3-1990E and ASTM specifications E-161-00 and C-430-90. Each sieve is measured at 108 random locations using automated optical measuring equipment and comes with a complete detailed analysis and certificate of compliance.

Need Custom Sieve Material?

Micro-Mesh sieve material can be provided unmounted in 3", 8" or 12" sheets, custom produced to your micron specification. Micro-Mesh sieve material is made from nickel according to the same specifications mentioned above.

Please see reverse side for ordering information on sieve material.



How To Order Your Micro-Mesh® Sieve

Specification	Your Sieve	Options
Mesh size in microns		Please specify the micron size you desire. Please note tolerances on previous page.
Diameter (specify)		3" 8" 12" 100mm 200mm
Frame height		1"or 2" 1"or 3" 2" 40mm 50mm
Pan and cover		Yes or No
Nesting pan		Yes or No
Support grid		Yes or No
Support grid size (specify only if checked "yes" on the previous specifications)		Recommendations: If >1000 micron, 2.5 lines per inch support grid. If >20 micron but < 1000 micron, 5 lines per inch grid. If <20 microns, 14 lines per inch grid. Please specify grid size.
Support grid location		On top or bottom of the sieve material.
Quantity		Specify the number of sieves desired.

How to Order your Sieve Material

Specifications	Your Sieve Material	Options
Mesh size in microns		Please specify the micron size you desire. Please note tolerance on previous page.
Sheet		3" square, 8" square, or 12" square
Quantity		Specify the number of sheets desired.

Please provide a quotation on the above specified sieve or sieve material.

To: Name _____ Title _____
 Firm _____
 Address _____
 City _____ State _____ Zip _____
 Phone: _____ Fax: _____
 e-mail: _____

Micro-Mesh® precision sieves are manufactured by **BMC** Buckbee-Mears, Inc., an ISO-9002 certified company.



7681 Setzler Pkwy N., Minneapolis, MN 55445

800-328-8456 (in USA and Canada)

Phone: 763-496-6355 Fax: 763-496-6356

e-mail: info@industrialnetting.com www.industrialnetting.com

Industrial Netting is an ISO-9000:2000 certified company.