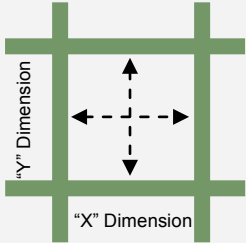
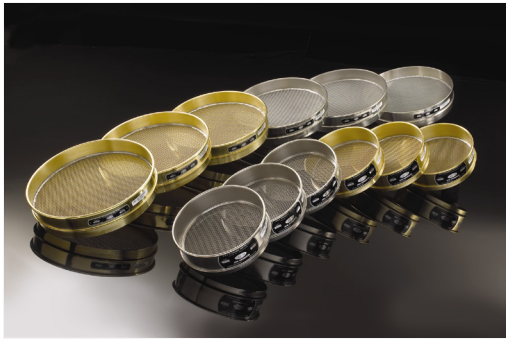


# U.S. Standard Test Sieves

- 8" (203.2 mm) Diameter Test Sieves
- 12" (304.8 mm) Diameter Test Sieves
- 8" (203.2 mm) Diameter Deep Wash Sieves
- Centerline® Sieve Certification Services
- Precisa Balances & Moisture Analyzers
- Sieve Brushes
- Special Order Items
- Accessories



Measurements taken along perpendicular lines intersecting at the centroid

## Premium Sieve Certification

Our Premium Sieve Certifications are an add-on service when you purchase a new sieve or can be performed (re-certification) on your existing sieves.

Accuracy and precision are vital components of any quality control program. Our **Centerline® Measurement Service** will become an integral part of your on going quality assurance program and will provide you with statistical data that is linked to each serialized sieve.

By employing sophisticated optical technology we ensure your test sieves comply with the current ASTM E11 standards created by the American Standards Testing Materials International Committee. Physical measurements are taken using an image analyzer traceable to the National Institute of Standards and Technology (NIST). The data gathered is summarized in a comprehensive verification report detailing a comparison of your sieve to the ASTM E11 specification.

- **Inspection** grade sieves are supplied with an **Inspection Sieve Certification** containing inspection data that has a percentage of openings measured based on the ASTM E11-13 standards table providing you with a confidence level of 99% that your sieve is within the specification.
- **Calibration** grade sieves are supplied with a **Calibration Sieve Certificate** containing data of at least twice as many apertures measured than inspection sieves, thereby providing an increased confidence level of 99.73%.

Periodic re-certification of your test sieves is recommended and ensures your sieve is in compliance.

## Levels of Certification

- **100C** - ASTM E 11-04 Sieve Certificate
- **200C** - Inspection Sieve Certificate
- **300C** - Calibration Sieve Certificate

## Sieve Part Number Nomenclature

3 2 5 B S 8 F				
mesh opening	frame type	mesh type	sieve diameter	sieve height
5"	(B) Brass	(B) Brass	8 inch	(F) Full
to	or	or	or	(H) Half or
#635	(S) Stainless	(S) Stainless	12 inch	(I) Intermediate



## Advantech Manufacturing, Inc.

2450 S. Commerce Drive  
New Berlin, WI 53151  
(262) 786-1600 Tel  
(262) 786-5074 Fax

sales@advantechmfg.com  
www.advantechmfg.com



# U.S. Standard Test Sieves – 8" (203.2 mm) Diameter

Dimensions: Half Height = 1" Depth to Cloth    Full Height = 2" Depth to Cloth

U.S. Standard Mesh Size	Brass Frame / Brass Wire Cloth		Brass Frame / Stainless Steel Wire Cloth		Stainless Steel Frame / Stainless Steel Wire Cloth	
	Half Ht.	Full Ht.	Half Ht.	Full Ht.	Half Ht.	Full Ht.
5"			5"BS8H	5"BS8F	5"SS8H	5"SS8F
4.24"			4.24"BS8H	4.24"BS8F	4.24"SS8H	4.24"SS8F
4"			4"BS8H	4"BS8F	4"SS8H	4"SS8F
3-1/2"			3-1/2"BS8H	3-1/2"BS8F	3-1/2"SS8H	3-1/2"SS8F
3"			3"BS8H	3"BS8F	3"SS8H	3"SS8F
2-1/2"			2-1/2"BS8H	2-1/2"BS8F	2-1/2"SS8H	2-1/2"SS8F
2.12"			2.12"BS8H	2.12"BS8F	2.12"SS8H	2.12"SS8F
2"			2"BS8H	2"BS8F	2"SS8H	2"SS8F
1-3/4"			1-3/4"BS8H	1-3/4"BS8F	1-3/4"SS8H	1-3/4"SS8F
1-1/2"			1-1/2"BS8H	1-1/2"BS8F	1-1/2"SS8H	1-1/2"SS8F
1-1/4"			1-1/4"BS8H	1-1/4"BS8F	1-1/4"SS8H	1-1/4"SS8F
1.06"			1.06"BS8H	1.06"BS8F	1.06"SS8H	1.06"SS8F
1.00"			1.00"BS8H	1.00"BS8F	1.00"SS8H	1.00"SS8F
7/8"			7/8"BS8H	7/8"BS8F	7/8"SS8H	7/8"SS8F
3/4"			3/4"BS8H	3/4"BS8F	3/4"SS8H	3/4"SS8F
5/8"			5/8"BS8H	5/8"BS8F	5/8"SS8H	5/8"SS8F
.530"			.530"BS8H	.530"BS8F	.530"SS8H	.530"SS8F
1/2"			1/2"BS8H	1/2"BS8F	1/2"SS8H	1/2"SS8F
7/16"			7/16"BS8H	7/16"BS8F	7/16"SS8H	7/16"SS8F
3/8"			3/8"BS8H	3/8"BS8F	3/8"SS8H	3/8"SS8F
5/16"			5/16"BS8H	5/16"BS8F	5/16"SS8H	5/16"SS8F
.265"			.265"BS8H	.265"BS8F	.265"SS8H	.265"SS8F
1/4"			1/4"BS8H	1/4"BS8F	1/4"SS8H	1/4"SS8F
#3.5			#3.5BS8H	#3.5BS8F	#3.5SS8H	#3.5SS8F
#4			4BS8H	4BS8F	4SS8H	4SS8F
#5			5BS8H	5BS8F	5SS8H	5SS8F
#6			6BS8H	6BS8F	6SS8H	6SS8F
1/8" *			1/8"BS8H	1/8"BS8F	1/8"SS8H	1/8"SS8F
#7			7BS8H	7BS8F	7SS8H	7SS8F
#8	8BB8H	8BB8F	8BS8H	8BS8F	8SS8H	8SS8F
#10	10BB8H	10BB8F	10BS8H	10BS8F	10SS8H	10SS8F
#12	12BB8H	12BB8F	12BS8H	12BS8F	12SS8H	12SS8F
#14	14BB8H	14BB8F	14BS8H	14BS8F	14SS8H	14SS8F
#16	16BB8H	16BB8F	16BS8H	16BS8F	16SS8H	16SS8F
#18	18BB8H	18BB8F	18BS8H	18BS8F	18SS8H	18SS8F
#20	20BB8H	20BB8F	20BS8H	20BS8F	20SS8H	20SS8F
#25	25BB8H	25BB8F	25BS8H	25BS8F	25SS8H	25SS8F
#30	30BB8H	30BB8F	30BS8H	30BS8F	30SS8H	30SS8F
#35	35BB8H	35BB8F	35BS8H	35BS8F	35SS8H	35SS8F
#40	40BB8H	40BB8F	40BS8H	40BS8F	40SS8H	40SS8F
#45	45BB8H	45BB8F	45BS8H	45BS8F	45SS8H	45SS8F
#50	50BB8H	50BB8F	50BS8H	50BS8F	50SS8H	50SS8F
#60	60BB8H	60BB8F	60BS8H	60BS8F	60SS8H	60SS8F
#70	70BB8H	70BB8F	70BS8H	70BS8F	70SS8H	70SS8F
#80	80BB8H	80BB8F	80BS8H	80BS8F	80SS8H	80SS8F
#100	100BB8H	100BB8F	100BS8H	100BS8F	100SS8H	100SS8F
#120	120BB8H	120BB8F	120BS8H	120BS8F	120SS8H	120SS8F
#140	140BB8H	140BB8F	140BS8H	140BS8F	140SS8H	140SS8F
#170	170BB8H	170BB8F	170BS8H	170BS8F	170SS8H	170SS8F
#200	200BB8H	200BB8F	200BS8H	200BS8F	200SS8H	200SS8F
#230	230BB8H	230BB8F	230BS8H	230BS8F	230SS8H	230SS8F
#270	270BB8H	270BB8F	270BS8H	270BS8F	270SS8H	270SS8F
#325	325BB8H	325BB8F	325BS8H	325BS8F	325SS8H	325SS8F
#400	400BB8H	400BB8F	400BS8H	400BS8F	400SS8H	400SS8F
#450			450BS8H	450BS8F	450SS8H	450SS8F
#500			500BS8H	500BS8F	500SS8H	500SS8F
#635			635BS8H	635BS8F	635SS8H	635SS8F

\* 1/8" Currently not part of the ASTM E 11 Specifications.

Part Number	Brass Pans & Covers	Price	Part Number	Stainless Steel Pans & Covers	Price
PB8F	Pan 8" Full Height		PS8F	Pan 8" Full Height	
PB8FX	Pan 8" Full Height with Extended Rim		PS8FX	Pan 8" Full Height with Extended Rim	
PB8H	Pan 8" Half Height		PS8H	Pan 8" Half Height	
PB8HX	Pan 8" Half Height with Extended Rim		PS8HX	Pan 8" Half Height with Extended Rim	
CB8	Cover 8" without Lifting Ring		CS8	Cover 8" without Lifting Ring	
CB8W/R	Cover 8" with Lifting Ring		CS8W/R	Cover 8" with Lifting Ring	

# U.S. Standard Test Sieves – 12” (304.8 mm) Diameter

Dimensions: Half Height = 1-5/8” Depth to Cloth

Intermediate Height = 2” Depth to Cloth

Full Height = 3-1/4” Depth to Cloth

U.S. Standard Mesh Size	Brass Frame / Brass Wire Cloth			Brass Frame / Stainless Steel Wire Cloth			Stainless Steel Frame / Stainless Steel Wire Cloth		
	Half Ht.	Int. Ht.	Full Ht.	Half Ht.	Int. Ht.	Full Ht.	Half Ht.	Int. Ht.	Full Ht.
5”				5”BS12H	5”BS12I	5”BS12F	5”SS12H	5”SS12I	5”SS12F
4.24”				4.24”BS12H	4.24”BS12I	4.24”BS12F	4.24”SS12H	4.24”SS12I	4.24”SS12F
4”				4”BS12H	4”BS12I	4”BS12F	4”SS12H	4”SS12I	4”SS12F
3-1/2”				3-1/2”BS12H	3-1/2”BS12I	3-1/2”BS12F	3-1/2”SS12H	3-1/2”SS12I	3-1/2”SS12F
3”				3”BS12H	3”BS12I	3”BS12F	3”SS12H	3”SS12I	3”SS12F
2-1/2”				2-1/2”BS12H	2-1/2”BS12I	2-1/2”BS12F	2-1/2”SS12H	2-1/2”SS12I	2-1/2”SS12F
2.12”				2.12”BS12H	2.12”BS12I	2.12”BS12F	2.12”SS12H	2.12”SS12I	2.12”SS12F
2”				2”BS12H	2”BS12I	2”BS12F	2”SS12H	2”SS12I	2”SS12F
1-3/4”				1-3/4”BS12H	1-3/4”BS12I	1-3/4”BS12F	1-3/4”SS12H	1-3/4”SS12I	1-3/4”SS12F
1-1/2”				1-1/2”BS12H	1-1/2”BS12I	1-1/2”BS12F	1-1/2”SS12H	1-1/2”SS12I	1-1/2”SS12F
1-1/4”				1-1/4”BS12H	1-1/4”BS12I	1-1/4”BS12F	1-1/4”SS12H	1-1/4”SS12I	1-1/4”SS12F
1.06”				1.06”BS12H	1.06”BS12I	1.06”BS12F	1.06”SS12H	1.06”SS12I	1.06”SS12F
1.00”				1.00”BS12H	1.00”BS12I	1.00”BS12F	1.00”SS12H	1.00”SS12I	1.00”SS12F
7/8”				7/8”BS12H	7/8”BS12I	7/8”BS12F	7/8”SS12H	7/8”SS12I	7/8”SS12F
3/4”				3/4”BS12H	3/4”BS12I	3/4”BS12F	3/4”SS12H	3/4”SS12I	3/4”SS12F
5/8”				5/8”BS12H	5/8”BS12I	5/8”BS12F	5/8”SS12H	5/8”SS12I	5/8”SS12F
.530”				.530”BS12H	.530”BS12I	.530”BS12F	.530”SS12H	.530”SS12I	.530”SS12F
1/2”				1/2”BS12H	1/2”BS12I	1/2”BS12F	1/2”SS12H	1/2”SS12I	1/2”SS12F
7/16”				7/16”BS12H	7/16”BS12I	7/16”BS12F	7/16”SS12H	7/16”SS12I	7/16”SS12F
3/8”				3/8”BS12H	3/8”BS12I	3/8”BS12F	3/8”SS12H	3/8”SS12I	3/8”SS12F
5/16”				5/16”BS12H	5/16”BS12I	5/16”BS12F	5/16”SS12H	5/16”SS12I	5/16”SS12F
.265”				.265”BS12H	.265”BS12I	.265”BS12F	.265”SS12H	.265”SS12I	.265”SS12F
1/4”				1/4”BS12H	1/4”BS12I	1/4”BS12F	1/4”SS12H	1/4”SS12I	1/4”SS12F
#3.5				#3.5BS12H	#3.5BS12I	#3.5BS12F	#3.5SS12H	#3.5SS12I	#3.5SS12F
#4				4BS12H	4BS12I	4BS12F	4SS12H	4SS12I	4SS12F
#5				5BS12H	5BS12I	5BS12F	5SS12H	5SS12I	5SS12F
#6				6BS12H	6BS12I	6BS12F	6SS12H	6SS12I	6SS12F
1/8” ★				1/8”BS12H	1/8”BS12I	1/8”BS12F	1/8”SS12H	1/8”SS12I	1/8”SS12F
#7				7BS12H	7BS12I	7BS12F	7SS12H	7SS12I	7SS12F
#8	8BB12H	8BB12I	8BB12F	8BS12H	8BS12I	8BS12F	8SS12H	8SS12I	8SS12F
#10	10BB12H	10BB12I	10BB12F	10BS12H	10BS12I	10BS12F	10SS12H	10SS12I	10SS12F
#12	12BB12H	12BB12I	12BB12F	12BS12H	12BS12I	12BS12F	12SS12H	12SS12I	12SS12F
#14	14BB12H	14BB12I	14BB12F	14BS12H	14BS12I	14BS12F	14SS12H	14SS12I	14SS12F
#16	16BB12H	16BB12I	16BB12F	16BS12H	16BS12I	16BS12F	16SS12H	16SS12I	16SS12F
#18	18BB12H	18BB12I	18BB12F	18BS12H	18BS12I	18BS12F	18SS12H	18SS12I	18SS12F
#20	20BB12H	20BB12I	20BB12F	20BS12H	20BS12I	20BS12F	20SS12H	20SS12I	20SS12F
#25	25BB12H	25BB12I	25BB12F	25BS12H	25BS12I	25BS12F	25SS12H	25SS12I	25SS12F
#30	30BB12H	30BB12I	30BB12F	30BS12H	30BS12I	30BS12F	30SS12H	30SS12I	30SS12F
#35	35BB12H	35BB12I	35BB12F	35BS12H	35BS12I	35BS12F	35SS12H	35SS12I	35SS12F
#40	40BB12H	40BB12I	40BB12F	40BS12H	40BS12I	40BS12F	40SS12H	40SS12I	40SS12F
#45	45BB12H	45BB12I	45BB12F	45BS12H	45BS12I	45BS12F	45SS12H	45SS12I	45SS12F
#50	50BB12H	50BB12I	50BB12F	50BS12H	50BS12I	50BS12F	50SS12H	50SS12I	50SS12F
#60	60BB12H	60BB12I	60BB12F	60BS12H	60BS12I	60BS12F	60SS12H	60SS12I	60SS12F
#70	70BB12H	70BB12I	70BB12F	70BS12H	70BS12I	70BS12F	70SS12H	70SS12I	70SS12F
#80	80BB12H	80BB12I	80BB12F	80BS12H	80BS12I	80BS12F	80SS12H	80SS12I	80SS12F
#100	100BB12H	100BB12I	100BB12F	100BS12H	100BS12I	100BS12F	100SS12H	100SS12I	100SS12F
#120	120BB12H	120BB12I	120BB12F	120BS12H	120BS12I	120BS12F	120SS12H	120SS12I	120SS12F
#140	140BB12H	140BB12I	140BB12F	140BS12H	140BS12I	140BS12F	140SS12H	140SS12I	140SS12F
#170	170BB12H	170BB12I	170BB12F	170BS12H	170BS12I	170BS12F	170SS12H	170SS12I	170SS12F
#200	200BB12H	200BB12I	200BB12F	200BS12H	200BS12I	200BS12F	200SS12H	200SS12I	200SS12F
#230	230BB12H	230BB12I	230BB12F	230BS12H	230BS12I	230BS12F	230SS12H	230SS12I	230SS12F
#270	270BB12H	270BB12I	270BB12F	270BS12H	270BS12I	270BS12F	270SS12H	270SS12I	270SS12F
#325	325BB12H	325BB12I	325BB12F	325BS12H	325BS12I	325BS12F	325SS12H	325SS12I	325SS12F
#400	400BB12H	400BB12I	400BB12F	400BS12H	400BS12I	400BS12F	400SS12H	400SS12I	400SS12F
#450				450BS12H	450BS12I	450BS12F	450SS12H	450SS12I	450SS12F
#500				500BS12H	500BS12I	500BS12F	500SS12H	500SS12I	500SS12F
#635				635BS12H	635BS12I	635BS12F	635SS12H	635SS12I	635SS12F

★ 1/8” Currently not part of the ASTM E 11 Specifications.

Part Number	Brass Pans & Covers	Price	Part Number	Stainless Steel Pans & Covers	Price
PB12H	Pan 12” Half Height		PS12H	Pan 12” Half Height	
PB12HX	Pan 12” Half Height with Extended Rim		PS12HX	Pan 12” Half Height with Extended Rim	
PB12IX	Pan 12” Intermediate Height with Extended Rim		PS12IX	Pan 12” Intermediate Height with Extended Rim	
PB12F	Pan 12” Full Height		PS12F	Pan 12” Full Height	
PB12FX	Pan 12” Full Height with Extended Rim		PS12FX	Pan 12” Full Height with Extended Rim	
CB12	Cover 12” without Lifting Ring		CS12	Cover 12” without Lifting Ring	
CB12W/R	Cover 12” with Lifting Ring		CS12W/R	Cover 12” with Lifting Ring	

## Deep Wash Sieves 8" (203.2 mm) Diameter

Brass Frame / Stainless Steel Wire Cloth

### 4" Deep Wash Sieves

4-5/8" overall Height 4" Depth to Wire Cloth

U.S. Standard Mesh Size	Part Number	Price
2"-#3.5 mesh sieves		
#4-#100 mesh sieves		
#120	120BS8W4	
#140	140BS8W4	
#170	170BS8W4	
#200	200BS8W4	
#230	230BS8W4	
#270	270BS8W4	
#325	325BS8W4	
#400	400BS8W4	
#450	450BS8W4	
#500	500BS8W4	
#635	635BS8W4	
Other mesh sizes available. Call for Pricing		Special Quote

### 8" Deep Wash Sieves

8-5/8" overall Height 8" Depth to Wire Cloth

U.S. Standard Mesh Size	Part Number	Price
2"-#3.5 mesh sieves		
#4-#100 mesh sieves		
#120	120BS8W8	
#140	140BS8W8	
#170	170BS8W8	
#200	200BS8W8	
#230	230BS8W8	
#270	270BS8W8	
#325	325BS8W8	
#400	400BS8W8	
#450	450BS8W8	
#500	500BS8W8	
#635	635BS8W8	
Other mesh sizes available. Call for Pricing		Special Quote

## Special Order Items

### Support Cloth for Fine Mesh Sieves

Provides support for fine mesh sieves. Extends sieve life in wet-sieving operations. Support cloth is #20 calendered market grade stainless steel unless otherwise specified. Charges listed are additional, per sieve.

8" Diameter Sieve Support Cloth  
8" Wash Sieve Support Cloth  
12" Diameter Sieve Support Cloth

### Special Order Test Sieves

We will gladly assembly 8" or 12" diameter test sieves with any special wire cloth or perforated plate your application requires. Charges listed are per sieve, wire cloth is additional.

8" Diameter Custom Sieve  
12" Diameter Custom Sieve

### Blank Test Sieve Frames

Frames without wire cloth are available in brass or stainless steel, either assembled or unassembled.

8" Frames (Half or Full Height)  
8" Dia. Frame 4" Deep Wash Sieve  
8" Dia. Frame 8" Deep Wash Sieve  
12" Frames (Half, Intermediate or Full Height)

### Bulk Wire Cloth







We maintain an inventory of the entire ASTM E 11 wire cloth range in sheets and rolls. Market grade, tensile bolting and ISO (metric) wire cloth is also available by request. Please call for pricing and availability.

All prices are FOB factory in New Berlin, Wisconsin.  
Prices are subject to change without notice.

**Made in U.S.A.**


## Sieve Brushes

- Wide variety of sieve brushes to meet your specific cleaning needs.
- Sieve brushes are ***NOT*** intended to be used with electroformed nickel mesh precision sieves.
- For specific sieve care and cleaning instructions, please refer to our Product Info page at [www.advantechmfg.com](http://www.advantechmfg.com)

Brush Image	Part No. / Dimensions	Material	Price
	<b>R8576</b> 3"W x 1.25"H x 8"L	Soft Brass Bristle / Wood Handle	
	<b>R8577</b> 2"W x 2"H x 7"L	Nylon Bristle / Wood Handle	
	<b>R7100</b> 1.25"W x .25"H x 5.5"L	Black Oil Tempered Bristle / Wire Loop Handle	
	<b>R7200</b> 3/8"W x 3/8"H x 6"L	Natural White Bristle / Wood Handle	
	<b>R7300</b> 1.5"W x 1.5"W x 6.5"L	Black Natural Bristle / Wood Handle	
	<b>R7400</b> 1.25"W x 1.25"H x 10.5"L	Oval Tapered Natural Bristle / Wood Handle	
	<b>R7500</b> 2"W x 2.25"H x 11"L	Stiff Polyester Bristle / Polypropylene Handle	
	<b>R7600</b> 1.5"W x 1.25"H x 9"L	Stiff Brass Bristle / Polypropylene Handle	

## Precisa Balances & Moisture Analyzers

- Precision Swiss-made instruments are reliable and easy to use
- RS232/V24 interface
- Call for model options and available accessories
- Balances use BALINT software allowing captured weighing data to be transferred to standard programs such as Excel.

Balance Image	Part No. / Capacity	Readability / Pan Size (mm)	Price
	LX1220M / 1,220 g	1 mg / 135 x 135	
	LX1200C / 1,200 g	.01 g / 200 x 200	
	BJ1200C / 1,200 g	.01 g / 135 x 135	
	IBK12000D / 12,100 g	.1 g / 400 x 300	
	XM60HR / 124 g	0.1 mg / 0.001% 100 mm	
	XM60 / 124 g	1 mg / 0.01% 100 mm	
	XM50 / 52 g	1 mg / 0.01% 100 mm	