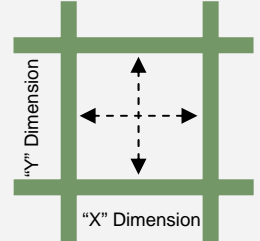


# U.S. Standard Test Sieves

Effective January 1, 2012

- 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 Service
- 3" Sonic Sifter & Precision Sieves
- 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 ASTM E 11 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 E 11 specification.

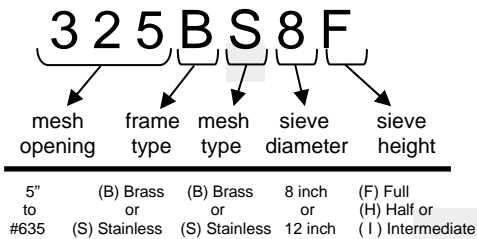
- **Inspection grade sieves** are supplied with an Inspection Sieve Certification containing inspection data that has a percentage of openings measured based on the ASTM E 11-09 standards table providing you with a confidence level of 99% that your sieve is within the specification.
- **Calibration grade 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 certification of your test sieves is recommended and ensures your compliance.

## Levels of Certification

- **100C** - ASTM E 11-04 Sieve Certificate
- **200C** - Inspection Sieve Certificate ASTM E 11-09
- **300C** - Calibration Sieve Certificate ASTM E 11-09

## Sieve Part Number Nomenclature



## Advantech Manufacturing, Inc.

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# 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.	Price	Half Ht.	Int. Ht.	Full Ht.	Price	Half Ht.	Int. Ht.	Full Ht.	Price
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 calendared 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)

### Accessories (Sieve Brushes)

- R8576 - Brass Sieve Brush (rectangular)
- R8577 - Nylon Sieve Brush (round)

### 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 **800.511.2096**.

## Sonic Sifter Sieves 3" Diameter

■ Stainless steel wire cloth of sieves listed meets the current ASTM E11 Sieve Specifications.

■ Supplied with Certificate of Compliance.

■ Clear acrylic frame. Dimensions: 3-1/2" O.D., 3" I.D. with an overall height of 5/8".

U.S. Sieve No.	Opening Size	Part Number	Price
#3.5	5.60 mm	L3-S3.5	
#4	4.75 mm	L3-S4	
#5	4.00 mm	L3-S5	
#6	3.35 mm	L3-S6	
#7	2.80 mm	L3-S7	
#8	2.36 mm	L3-S8	
#10	2.00 mm	L3-S10	
#12	1.70 mm	L3-S12	
#14	1.40 mm	L3-S14	
#16	1.18 mm	L3-S16	
#18	1.00 mm	L3-S18	
#20	850 µm	L3-S20	
#25	710 µm	L3-S25	
#30	600 µm	L3-S30	
#35	500 µm	L3-S35	
#40	425 µm	L3-S40	
#45	355 µm	L3-S45	
#50	300 µm	L3-S50	
#60	250 µm	L3-S60	
#70	212 µm	L3-S70	
#80	180 µm	L3-S80	
#100	150 µm	L3-S100	
#120	125 µm	L3-S120	
#140	106 µm	L3-S140	
#170	90 µm	L3-S170	
#200	75 µm	L3-S200	
#230	63 µm	L3-S230	
#270	53 µm	L3-S270	
#325	45 µm	L3-S325	
#400	38 µm	L3-S400	
#450	32 µm	L3-S450	
#500	25 µm	L3-S500	
#635	20 µm	L3-S635	

## Precision Sieves for Sonic Sifter 3" Diameter

■ Electroformed nickel mesh of precision sieves listed meets the current ASTM E161 specifications.

■ Clear acrylic frame. Dimensions: 3-1/2" O.D., 3" I.D. with an overall height of 1-1/4".

Opening Size	Part Number	Price	Opening Size	Part Number	Price
3 µm	L3-M3		60 µm	L3-M60	
5 µm	L3-M5		65 µm	L3-M65	
10 µm	L3-M10		70 µm	L3-M70	
15 µm	L3-M15		75 µm	L3-M75	
20 µm	L3-M20		80 µm	L3-M80	
25 µm	L3-M25		85 µm	L3-M85	
30 µm	L3-M30		90 µm	L3-M90	
35 µm	L3-M35		95 µm	L3-M95	
40 µm	L3-M40		100 µm	L3-M100	
45 µm	L3-M45		105 µm	L3-M105	
50 µm	L3-M50		125 µm	L3-M125	
55 µm	L3-M55		150 µm	L3-M150	

Prices effective January 1, 2012. This price list supersedes all previous price lists. All prices are FOB factory in New Berlin, Wisconsin.

Prices are subject to change without notice.

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