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LABORATORY TESTING SIEVE SCREENS

The **WS Tyler** Testing Sieves are precision laboratory instruments. They are manufactured to the latest ASTM Specifications E-11-87, under a ISO 9002 Certified Quality Control Program. The specifications are a result of collaboration by the ASTM, National Bureau of Standards (NBS), American National Standards Institute and the ISO.



The sieves are available with brass or stainless steel frames, with copper, or stainless steel cloth, and the frames are available in full height or half height versions. Refer to the table below for dimensional data. Reinforcement cloth (backing cloth) is available for fine sieves. Special application sieves, such as matched sieves, certified sieves, or special application sieves are also available.

CATALOG NUMBER	Sieve Description
040A-301	3" dia, Brass frame, cu alloy cloth
040A-303	3" dia, Brass frame, st. steel cloth
040A-305	3" dia, St. steel frame, st. steel cloth
040A-801	8" dia, FH, Brass frame, cu alloy cloth
040A-802	8" dia, HH, Brass frame, cu alloy cloth
040A-803	8" dia, FH, Brass frame, st. steel cloth
040A-804	8" dia, HH, Brass frame, st. steel cloth
040A-805	8" dia, FH, St. steel frame, st. steel cloth
040A-806	8" dia, HH, St. steel frame, st. steel cloth
040A-121	12" dia, FH, Brass frame, cu alloy cloth
040A-122	12" dia, HH, Brass frame, cu alloy cloth
040A-124	12" dia, FH, Brass frame, st. steel cloth
040A-125	12" dia, HH, Brass frame, st. steel cloth
040A-127	12" dia, FH, St. steel frame, st. steel cloth
040A-128	12" dia, HH, St. steel frame, st. steel cloth

Sieve Diameter	Full Height Height (In.)	Depth To Cloth (F/H)	Half Height Height (In.)	Depth To Cloth (In.)(H/H)
3"	1-3/4	1-1/4	1-1/4	5/8
6"	2-5/8	1-3/4	2-7/8	1
8"	2-7/8	2	1-7/8	1
10"	4	3	2-1/2	1-1/2
12"	4-1/4	3-1/4	2-5/8	1-5/8

Designations		Nominal Dimensions		
NIST SIZE	Tyler ====	A.S.T.M. Sieve Opening	Sieve Opening	Wire Diameter
Inches	Mesh	Mm	Inches	Mm
4		100	4.00	6.30
3 1/2		90	3.50	6.08
3		75	3.00	5.80
2 1/2		63	2.50	5.50
2		50	2.00	5.05
1 3/4		45	1.75	4.85
1 1/2		37.5	1.50	4.59
1 1/4		31.5	1.25	4.23
1.06		26.5	1.06	3.90
1		25	1.00	3.80
7/8		22	0.875	3.50
3/4		19.0	0.750	3.30
5/8		16.0	0.625	3.00
.530		13.2	0.530	2.75
1/2		12.5	0.500	2.67
7/16		11.2	0.438	2.45
3/8		9.5	0.375	2.27
5/16	2 1/2	8.0	0.312	2.07
.265	3	6.71	0.265	1.87
1/4	1/4	6.3	0.250	1.82
3 1/2	3 1/2	5660µ	0.223	1.68
4	4	4750µ	0.187	1.54
5	5	4000µ	0.157	1.37
6	6	3360µ	0.132	1.23
7	7	2830µ	0.111	1.10
8	8	2360µ	0.0937	1.00
10	9	2000µ	0.0787	0.900
12	10	1700µ	0.0661	0.810
14	12	1400µ	0.0555	0.725
16	14	1180µ	0.0469	0.650
18	16	1000µ	0.0394	0.580
20	20	850µ	0.0331	0.510
25	24	710µ	0.0278	0.450
30	28	600µ	0.0234	0.390
35	32	500µ	0.0197	0.340
40	35	425µ	0.0165	0.290
45	42	355µ	0.0139	0.247
50	48	300µ	0.0117	0.215
60	60	250µ	0.0098	0.180
70	65	212µ	0.0083	0.152
80	80	180µ	0.0070	0.131
100	100	150µ	0.0059	0.110
120	115	125µ	0.0049	0.091
140	150	106µ	0.0041	0.076
170	170	90µ	0.0035	0.064
200	200	75µ	0.0029	0.058
230	250	63µ	0.0025	0.044
270	270	53µ	0.0021	0.037
325	325	45µ	0.0017	0.030
400	400	37µ	0.0015	0.025
450	450	32µ	0.0013	0.028
500	500	25µ	0.0010	0.025
635	635	20µ	0.0008	0.020
PAN	Pan			
CVR	Cover			
XPN	Pan with extended rim			