INTERNATIONAL SIEVE DATA

INTERNATIONAL ISO 565 (TBL 2): 1983	AMERICAN U.S. STD/ASTM E11-95[1]	TYLER STANDARD SCREEN 1910	BRITISH BS410:1986
Nominal opening Millimeters/Microns	**Alternative INCH/SIEVE**	**Equivalent INCH/MESH**	**Equivalent INCH/MESH**
26.50mm	1.06 inch	1.05 inch	
25.00	1.00	-	
22.40	7/8	.883	
19.00	3/4	.742	
16.00	5/8	.624	
13.20	.530	.525	
12.50	1/2	-	
11.20	7/16	.441	
9.50	3/8	.371	
-	-	-	
8.00	5/16	2½ mesh	
6.70	.265	3	
6.30	1/4	-	
5.60	3½ Sieve	3½	3
4.75	4	4	3½
-	-	-	-
4.00	5	5	4
3.35	6	6	5
-	-	-	-
2.80	7	7	6
2.36	8	8	7
-	-	-	-
2.00	10	9	8
1.70	12	10	10
-	-	-	-
-	-	-	-
1.40	14	12	12
1.18	16	14	14
-	-	-	-
-	-	-	-
1.00	16	16	16
850 µm	20	20	18
-	-	-	-
-	-	-	-
710	25	24	22
-	-	-	-
600	30	28	25
-	-	-	-
500	35	32	30
-	-	-	-
425	40	35	36
-	-	-	-
355	45	42	44
-	-	-	-
-	-	-	-
300	50	48	52
-	-	-	-
250	60	60	60
212	70	65	72
-	-	-	-
180	80	80	85
-	-	-	-
-	-	-	-
150	100	100	100
-	-	-	-
125	120	115	120
-	-	-	-
106	140	150	150
-	-	-	-
90	170	170	170
-	-	-	-
75	200	200	200
-	-	-	-
-	-	-	-
63	230	250	240
-	-	-	-
53	270	270	300
-	-	-	-
45	325	325	350
38	400	400	400
-	-	-	-
32	450	-	440
25	500	-	-
20	635	-	-

FEPA[2] standard 42-1984 R1993: Grit sizes for grinding wheels and other bonded abrasives		FEPA[2] standard 43-1984 R1993: Grit sizes for coated abrasives	
Grit designation	**Mean diameter in µm**	**Grit designation**	**Mean diameter in µm**
Macro grits		Macro grits	
F4	4890	P12	1815
F5	4125	P16	1324
F6	3460	P20	1000
F7	2900	P24	764
F8	2460	P30	642
F10	2085	P36	538
F12	1765	P40	425
F14	1470	P50	336
F16	1230	P60	269
F20	1040	P80	201
F22	885	P100	162
F24	745	P120	125
F30	625	P150	100
F36	525	P180	82
F40	438	P220	68
F46	370		
F54	310		
F60	260		
F70	218		
F80	185		
F90	154		
F100	129		
F120	109		
F150	82		
F180	69		
F220	58		
Micro grits		Micro grits	
F230	53.0 ± 3.0	P240	58.5 ± 2.0
F240	44.5 ± 2.0	P280	52.2 ± 2.0
F280	36.5 ± 1.5	P320	46.2 ± 1.5
F320	29.2 ± 1.5	P360	40.5 ± 1.5
F360	22.8 ± 1.5	P400	35.0 ± 1.5
F400	17.3 ± 1.0	P500	30.2 ± 1.5
F500	12.8 ± 1.0	P600	25.8 ± 1.0
F600	9.3 ± 1.0	P800	21.8 ± 1.0
F800	6.5 ± 1.0	P1000	18.3 ± 1.0
F1000	4.5 ± 0.8	P1200	15.3 ± 1.0
F1200	3.0 ± 0.5	P1500	12.6 ± 1.0
		P2000	10.3 ± 0.8
		P2500	8.4 ± 0.5

[2] Federation of European Producers of Abrasives (FEPA)

1,000 micrometers (microns) = 1.00mm

[1] © American Society for Testing and Materials (ASTM)