

DLC-008 | Test Sieve Reference & Comparison Chart

Nominal Aperture Size is the primary reference. British/American columns are comparison designations; PAPHAVIN Reference follows the supplied company source table.

Nominal Aperture Size (mm)	British System (designation)	American System (designation)	PAPHAVIN Reference (Mesh # / Micron)
4.75	Mesh no.4	4 Mesh	4#16 (4,720)
4.00	Mesh no.5	5 Mesh	5#20 (4,170)
3.35	Mesh no.6	6 Mesh	6#20 (3,320)
2.80	Mesh no.7	7 Mesh	7#22 (2,920)
2.36	Mesh no.8	8 Mesh	8#21 (2,370)
2.00	Mesh no.10	9 Mesh	10#24 (1,980)
1.70	Mesh no.12	10 Mesh	12#26 (1,660)
1.40	Mesh no.14	12 Mesh	14#27 (1,390)
1.18	Mesh no.16	14 Mesh	16#27 (1,170)
1.00	Mesh no.18	16 Mesh	18#27 (990)
0.850	Mesh no.20	20 Mesh	20#27 (850)
0.710	Mesh no.25	24 Mesh	25#30 (710)
0.600	Mesh no.30	28 Mesh	30#33 (594)
0.500	Mesh no.35	32 Mesh	35#36 (530)
0.425	Mesh no.40	35 Mesh	40#35 (422)
0.355	Mesh no.45	42 Mesh	50#38 (356)
0.300	Mesh no.50	48 Mesh	50#35 (295)
0.250	Mesh no.60	60 Mesh	60#37 (251)
0.212	Mesh no.70	65 Mesh	60#35 (210)
0.180	Mesh no.80	80 Mesh	80#38 1/2 (176)
0.150	Mesh no.100	100 Mesh	100#41 (143)
0.125	Mesh no.120	115 Mesh	120#44 (131)
0.106	Mesh no.140	150 Mesh	150#46 (108)
0.090	Mesh no.170	170 Mesh	180#47 (90)
0.075	Mesh no.200	200 Mesh	200#47 (76)
0.063	Mesh no.230	250 Mesh	250#48 (61)
0.053	Mesh no.270	270 Mesh	250#47 (51)
0.045	Mesh no.325	325 Mesh	300#48 (44)
0.038	Mesh no.400	400 Mesh	400#49 (34)
0.025	Mesh no.500	500 Mesh	500#50 (26)

Reading rule: Do not treat Mesh number as a fixed one-to-one micron conversion. For purchase, inspection or compliance work, specify nominal aperture and the applicable standard/edition. PAPHAVIN values are retained from the supplied company reference table and are not ISO/ASTM tolerance values.

