

國際篩網規格對照表

Analysis Sieve Comparison Table

篩網標準多以「 μm 公制孔徑」、「ASTM 篩號」為國際主流。若以其他規格或使用地區不同，請參考下表作選擇。

| 孔徑 μm | DIN 4188 mm | ASTM E11:70 No. | TYLER Mesh(美制) | BS 410 Mesh(英制) |
|---------------------|----------------|--------------------|-------------------|--------------------|
| 5 | 0.005 | | 2500 | 2500 |
| 10 | 0.010 | | 1250 | 1250 |
| 15 | 0.015 | | 800 | 800 |
| 20 | 0.020 | | 625 | 625 |
| 22 | 0.022 | | | |
| 25 | 0.025 | | 500 | 500 |
| 28 | 0.028 | | | |
| 32 | 0.032 | | 425 | 425 |
| 36 | 0.036 | | | |
| 38 | | 400 | 400 | 400 |
| 40 | 0.040 | | | |
| 45 | 0.045 | 325 | 325 | 350 |
| 50 | 0.050 | | | |
| 53 | | 270 | 270 | 300 |
| 56 | 0.056 | | | |
| 63 | 0.063 | 230 | 250 | 240 |
| 71 | 0.071 | | | |
| 75 | | 200 | 200 | 200 |
| 80 | 0.080 | | | |
| 90 | 0.090 | 170 | 170 | 170 |
| 100 | 0.100 | | | |
| 106 | | 140 | 150 | 150 |
| 112 | 0.112 | | | |
| 125 | 0.125 | 120 | 115 | 120 |
| 140 | 0.140 | | | |
| 150 | | 100 | 100 | 100 |
| 160 | 0.160 | | | |
| 180 | 0.180 | 80 | 80 | 85 |
| 200 | 0.200 | | | |
| 212 | | 70 | 65 | 72 |
| 224 | 0.224 | 65 | 62 | 66 |
| 250 | 0.250 | 60 | 60 | 60 |
| 280 | 0.280 | | | |
| 300 | | 50 | 48 | 52 |
| 315 | 0.315 | | | |
| 355 | 0.355 | 45 | 42 | 44 |
| 400 | 0.400 | | | |
| 425 | | 40 | 35 | 36 |
| 450 | 0.450 | | | |
| 500 | 0.500 | 35 | 32 | 30 |
| 560 | 0.560 | | | |
| 600 | | 30 | 28 | 25 |
| 630 | 0.630 | | | |
| 710 | | 25 | 24 | 22 |
| 800 | 0.800 | | | |
| 850 | | 20 | 20 | 18 |
| 900 | 0.900 | | | |
| mm | mm | No. | Mesh | Mesh |
| 1.0 | 1.0 | 18 | 16 | 16 |
| 1.12 | 1.12 | | | |
| 1.18 | | 16 | 14 | 14 |
| 1.25 | 1.25 | | | |
| 1.4 | 1.4 | 14 | 12 | 12 |
| 1.6 | 1.6 | | | |
| 1.7 | | 12 | 10 | 10 |
| 1.8 | 1.8 | | | |
| 2.0 | 2.0 | 10 | 9 | 8 |
| 2.24 | 2.24 | | | |
| 2.36 | | 8 | 8 | 7 |
| 2.5 | 2.5 | | | |
| 2.8 | 2.8 | 7 | 7 | 6 |
| 3.15 | 3.15 | | | |
| 3.35 | | 6 | 6 | 5 |
| 3.55 | 3.55 | | | |
| 4.0 | 4.0 | 5 | 5 | 4 |
| 4.5 | 4.5 | | | |
| 4.75 | | 4 | 4 | 3-1/2 |
| 5.0 | 5.0 | | | |

篩網校正玻璃沙

Test Sieve Calibration Samples

ENDECOTTS

www.endecotts.com

英國製

Endecotts 標準校正沙以 Soda-Lime 玻璃製作，材質穩定，提供多種粒徑規格，使用者自行校驗即可確保篩網準確度，節省送交認證單位的花費與時間。Endecotts 標準沙經過 BCR 與 20 多間頂尖歐洲粒子實驗室認證的 Whitehouse Scientific 校正，精確度可追溯 NPL 國家物理實驗室。



選擇適當孔徑的定量標準沙，置於被校正篩網上，搖動2分鐘，計算落下的重量百分比，依每瓶標準沙隨附對照表，即可評估篩網是否合乎原廠標準。

| 型號 | 孔徑 | No. | 玻璃沙粒徑 | 重量 |
|-------------|-------------|------|--------------------|---------|
| ZSICSA-.020 | 20 microns | #635 | 15...25 microns | 0.8g x5 |
| ZSICSA-.025 | 25 microns | #500 | 20...32 microns | 0.8g x5 |
| ZSICSA-.032 | 32 microns | #450 | 25...38 microns | 1.0g x5 |
| ZSICSA-.038 | 38 microns | #400 | 32...45 microns | 1.0g x5 |
| ZSICSA-.045 | 45 microns | #325 | 38...53 microns | 1.0g x5 |
| ZSICSA-.053 | 53 microns | #270 | 45...63 microns | 1.0g x5 |
| ZSICSA-.063 | 63 microns | #230 | 53...75 microns | 1.0g x5 |
| ZSICSA-.075 | 75 microns | #200 | 63...90 microns | 1.0g x5 |
| ZSICSA-.090 | 90 microns | #170 | 75...106 microns | 1.0g x5 |
| ZSICSA-.106 | 106 microns | #140 | 90...125 microns | 1.0g x5 |
| ZSICSA-.125 | 125 microns | #120 | 106...150 microns | 1.0g x5 |
| ZSICSA-.150 | 150 microns | #100 | 125...180 microns | 1.5g x5 |
| ZSICSA-.180 | 180 microns | #80 | 150...212 microns | 1.5g x5 |
| ZSICSA-.212 | 212 microns | #70 | 180...250 microns | 1.5g x5 |
| ZSICSA-.250 | 250 microns | #60 | 212...300 microns | 2.5g x5 |
| ZSICSA-.300 | 300 microns | #50 | 250...355 microns | 2.5g x5 |
| ZSICSA-.355 | 355 microns | #45 | 300...425 microns | 2.5g x5 |
| ZSICSA-.425 | 425 microns | #40 | 355...500 microns | 2.5g x5 |
| ZSICSA-.500 | 500 microns | #35 | 425...600 microns | 2.5g x5 |
| ZSICSA-.600 | 600 microns | #30 | 500...710 microns | 2.5g x5 |
| ZSICSA-.710 | 710 microns | #25 | 600...850 microns | 2.5g x5 |
| ZSICSA-.850 | 850 microns | #20 | 710...1000 microns | 3g x5 |
| ZSICSA-1.00 | 1.00mm | #18 | 850...1.18mm | 7g x3 |
| ZSICSA-1.18 | 1.18mm | #16 | 1.00...1.40mm | 10g x3 |
| ZSICSA-1.40 | 1.40mm | #14 | 1.18...1.70mm | 15g x3 |
| ZSICSA-1.70 | 1.70mm | #12 | 1.40...2.00mm | 15g x3 |
| ZSICSA-2.00 | 2.00mm | #10 | 1.70...2.36mm | 20g x2 |
| ZSICSA-2.36 | 2.36mm | #8 | 2.00...2.80mm | 20g x2 |
| ZSICSA-2.80 | 2.80mm | #7 | 2.36...3.35mm | 25g x2 |
| ZSICSA-3.35 | 3.35mm | #6 | 2.80...4.00mm | 25g x2 |