|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 32 mesh | | 35 mesh | | 36 mesh | | 40 mesh | | 45 mesh | | 50 mesh | | 55 mesh | | 60 mesh | |
| Diameter | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % |
| 0.35 | 0.44 | 31.25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.32 | 0.47 | 35.62 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.30 | 0.49 | 38.69 | 0.43 | 34.41 | 0.41 | 33.04 |  |  |  |  |  |  |  |  |  |  |
| 0.29 | 0.50 | 40.28 | 0.44 | 36.05 | 0.42 | 34.69 | 0.35 | 29.52 |  |  |  |  |  |  |  |  |
| 0.28 | 0.51 | 41.89 | 0.45 | 37.72 | 0.43 | 36.38 | 0.36 | 31.25 |  |  |  |  |  |  |  |  |
| 0.26 | 0.53 | 45.22 | 0.47 | 41.18 | 0.45 | 39.88 | 0.38 | 34.88 |  |  |  |  |  |  |  |  |
| 0.24 | 0.55 | 48.67 | 0.49 | 44.80 | 0.47 | 43.54 | 0.40 | 38.69 | 0.32 | 33.04 | 0.27 | 27.83 |  |  |  |  |
| 0.23 | 0.56 | 50.44 | 0.50 | 46.66 | 0.48 | 45.43 | 0.41 | 40.68 | 0.33 | 35.11 | 0.28 | 29.95 |  |  |  |  |
| 0.22 | 0.57 | 52.25 | 0.51 | 48.56 | 0.49 | 47.36 | 0.42 | 42.71 | 0.34 | 37.24 | 0.29 | 32.14 |  |  |  |  |
| 0.20 | 0.59 | 55.96 | 0.53 | 52.48 | 0.51 | 51.34 | 0.44 | 46.93 | 0.36 | 41.69 | 0.31 | 36.76 | 0.26 | 32.14 | 0.22 | 27.83 |
| 0.18 | 0.61 | 59.79 | 0.55 | 56.55 | 0.53 | 55.48 | 0.46 | 51.34 | 0.38 | 46.39 | 0.33 | 41.69 | 0.28 | 37.24 | 0.24 | 33.04 |
| 0.16 | 0.63 | 63.75 | 0.57 | 60.77 | 0.55 | 59.79 | 0.48 | 55.96 | 0.40 | 51.34 | 0.35 | 46.93 | 0.30 | 42.71 | 0.26 | 38.69 |
| 0.15 | 0.64 | 65.78 | 0.58 | 62.93 | 0.56 | 62.00 | 0.49 | 58.34 | 0.41 | 53.91 | 0.36 | 49.66 | 0.31 | 45.59 | 0.27 | 41.69 |
| 0.14 | 0.65 | 67.84 | 0.59 | 65.14 | 0.57 | 64.25 | 0.50 | 60.77 | 0.42 | 56.55 | 0.37 | 52.48 | 0.32 | 48.56 | 0.28 | 44.80 |
| 0.13 | 0.66 | 69.93 | 0.60 | 67.38 | 0.58 | 66.54 | 0.51 | 63.25 | 0.43 | 59.24 | 0.38 | 55.37 | 0.33 | 51.62 | 0.29 | 48.01 |
| 0.12 |  |  | 0.61 | 69.66 | 0.59 | 68.88 | 0.52 | 65.78 | 0.44 | 62.00 | 0.39 | 58.34 | 0.34 | 54.78 | 0.30 | 51.34 |
| 0.11 |  |  |  |  | 0.60 | 71.25 | 0.53 | 68.36 | 0.45 | 64.82 | 0.40 | 61.38 | 0.35 | 58.04 | 0.31 | 54.78 |
| 0.10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.32 | 58.34 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 65 mesh | | 70 mesh | | 80 mesh | | 90 mesh | | 100 mesh | | 120 mesh | | 130 mesh | | 140 mesh | |
| Diameter | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % |
| 0.16 | 0.231 | 34.875 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.15 | 0.241 | 37.963 | 0.213 | 34.412 |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.14 | 0.251 | 41.182 | 0.223 | 37.721 | 0.178 | 31.254 |  |  |  |  |  |  |  |  |  |  |
| 0.13 | 0.261 | 44.532 | 0.233 | 41.182 | 0.188 | 34.875 | 0.152 | 29.092 |  |  |  |  |  |  |  |  |
| 0.12 | 0.271 | 48.013 | 0.243 | 44.795 | 0.198 | 38.694 | 0.162 | 33.040 | 0.134 | 27.832 |  |  |  |  |  |  |
| 0.11 | 0.281 | 51.625 | 0.253 | 48.560 | 0.208 | 42.712 | 0.172 | 37.239 | 0.144 | 32.141 |  |  |  |  |  |  |
| 0.10 | 0.291 | 55.368 | 0.263 | 52.477 | 0.218 | 46.928 | 0.182 | 41.689 | 0.154 | 36.760 |  |  |  |  |  |  |
| 0.090 |  |  |  |  | 0.228 | 51.342 | 0.192 | 46.390 | 0.164 | 41.689 | 0.122 | 33.040 |  |  |  |  |
| 0.080 |  |  |  |  |  |  |  |  | 0.174 | 46.928 | 0.132 | 38.694 | 0.115 | 34.875 |  |  |
| 0.070 |  |  |  |  |  |  |  |  |  |  | 0.142 | 44.795 | 0.125 | 41.182 | 0.111 | 37.721 |
| 0.065 |  |  |  |  |  |  |  |  |  |  |  |  | 0.130 | 44.532 | 0.116 | 41.182 |
| 0.060 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.121 | 44.795 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  | |  | |  | |  | |  | |  | |  | |
|  | 150 mesh | | 160 mesh | | 180 mesh | | 200 mesh | | 220 mesh | | 250 mesh | | 270 mesh | | 300 mesh | |
| Diameter | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % | W | S % |
| 0.070 | 0.099 | 34.412 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.065 | 0.104 | 37.963 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.060 | 0.109 | 41.689 | 0.099 | 38.694 |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.055 | 0.114 | 45.589 | 0.104 | 42.712 | 0.086 | 37.239 |  |  |  |  |  |  |  |  |  |  |
| 0.050 |  |  | 0.109 | 46.928 | 0.091 | 41.689 | 0.077 | 36.760 |  |  |  |  |  |  |  |  |
| 0.045 |  |  |  |  | 0.096 | 46.390 | 0.082 | 41.689 | 0.070 | 37.239 |  |  |  |  |  |  |
| 0.040 |  |  |  |  |  |  | 0.087 | 46.928 | 0.075 | 42.712 | 0.062 | 36.760 |  |  |  |  |
| 0.035 |  |  |  |  |  |  |  |  |  |  | 0.067 | 42.970 | 0.059 | 39.432 |  |  |
| 0.030 |  |  |  |  |  |  |  |  |  |  | 0.072 | 49.664 | 0.064 | 46.390 | 0.055 | 41.689 |
| 0.025 |  |  |  |  |  |  |  |  |  |  | 0.077 | 56.842 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | |  | |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 325 mesh | | 400 mesh | |  |  |  |  |  |  |  |  |  |  |  |  |
| Diameter | W | S % | W | S % |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.028 | 0.050 | 41.182 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0.023 |  |  | 0.041 | 40.678 |  |  |  |  |  |  |  |  |  |  |  |  |

W: Mesh Opening, Distance in mm between two adjacent wires.

S%: Working surface. Approximate percentage of the total surface of the openings of the mesh.

Mesh= 25.4/(W+D)