

**Detail Specification of polyester cloth mesh screens for indirect ceramic printing**

**Remark: the below data are theoretic, please reference the actual product.**

| TYPE  | MEHS COUNT<br>mesh/inch | APERTURE<br>micron | THREADDIA<br>METER micron | OPENING<br>% | THICKNESS<br>micron | INK THROUGH VO<br>LUME THEORETIC<br>ALLY cm3/m2 | TENSILE<br>STRENGTH<br>N/CM |
|-------|-------------------------|--------------------|---------------------------|--------------|---------------------|---|-----------------------------|
| 36-90 | 90                      | 185                | 90                        | 45           | 155-165             | 65  | 59                          |
| 39-55 | 100                     | 195                | 55                        | 56           | 88-96               | 55  | 24                          |
| 39-80 | 100                     | 176                | 80                        | 48           | 148-153             | 73  | 31                          |
| 43-80 | 110                     | 147                | 80                        | 40.8         | 125-131             | 53  | 31                          |
| 47-55 | 120                     | 152                | 55                        | 51           | 88-96               | 47.6  | 29                          |
| 48-70 | 120                     | 135                | 70                        | 41           | 108-120             | 45.5  | 30                          |
| 53-55 | 135                     | 128                | 55                        | 47           | 88-96               | 44.5  | 29                          |
| 54-64 | 137                     | 115                | 64                        | 38.5         | 95-105              | 38.9  | 30                          |
| 54-70 | 137                     | 108                | 70                        | 34           | 108-120             | 40  | 31                          |
| 58-55 | 145                     | 118                | 55                        | 38           | 89-94               | 39.5  | 30                          |
| 62-64 | 155                     | 105                | 64                        | 42           | 98-107              | 33  | 31                          |
| 64-45 | 160                     | 105                | 48                        | 43           | 73-82               | 36.5  | 30                          |
| 64-55 | 160                     | 98                 | 55                        | 38           | 85-95               | 36.1  | 30                          |
| 64-64 | 160                     | 88                 | 64                        | 30           | 95-105              | 30.7  | 31                          |
| 68-55 | 175                     | 85                 | 55                        | 34           | 85-95               | 29.2  | 30                          |
| 68-64 | 175                     | 78                 | 64                        | 29           | 108-110             | 32  | 32                          |

|        |     |    |    |      |       |      |      |
|--------|-----|----|----|------|-------|------|------|
| 72-45  | 180 | 92 | 45 | 40   | 68-76 | 33.1 | 27.6 |
| 72-48  | 180 | 90 | 48 | 36   | 75-84 | 33.1 | 28   |
| 77-48  | 195 | 81 | 48 | 34   | 80-85 | 29   | 28   |
| 77-55  | 195 | 75 | 55 | 28   | 86-92 | 26.6 | 29   |
| 80-48  | 200 | 72 | 48 | 33   | 75-84 | 28.7 | 27   |
| 90-48  | 230 | 56 | 48 | 25   | 77-85 | 23.5 | 25   |
| 100-40 | 250 | 58 | 40 | 37   | 66-73 | 21.3 | 28.5 |
| 110-40 | 280 | 52 | 40 | 33   | 78-85 | 20.5 | 29.6 |
| 120-31 | 305 | 49 | 31 | 36   | 50-55 | 19.5 | 29   |
| 120-34 | 305 | 45 | 34 | 30.5 | 52-57 | 18.4 | 30.5 |
| 120-40 | 305 | 37 | 40 | 21   | 65-67 | 13.5 | 32   |
| 140-34 | 355 | 31 | 34 | 19.5 | 56-62 | 14.4 | 31   |
| 150-31 | 380 | 36 | 31 | 29   | 43-47 | 13.1 | 30.5 |
| 150-34 | 380 | 30 | 34 | 20.5 | 56-62 | 14.9 | 30.5 |
| 165-31 | 420 | 31 | 31 | 22.5 | 52-58 | 12.5 | 28.9 |

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