

## Technical Specification

| <b>Material No.</b> | <b>Mesh No.</b> | <b>Weave</b> | <b>Thread Diameter Nominal <math>\mu\text{m}</math></b> | <b>Tolerance of mesh-count <math>\pm n/\text{cm}</math></b> | <b>mesh-opening <math>\mu\text{m}</math></b> | <b>Open area %</b> | <b>Mesh thickness <math>\mu\text{m}</math></b> | <b>TOL. of mesh thickness</b>                         | <b>Theoretical ink volume <math>\text{cm}^3/\text{m}^2</math></b> |
|---------------------|-----------------|--------------|---|---|--|--------------------|--|---|---|
| DPP120T-127Y        | 120/300         | PW1:1        | 34  | 3%  | 48   | 36                 | 52   | 4%  | 19  |
| DPP90M              | 90/230          | PW1:1        | 48  | 3%  | 65   | 33                 | 75   | 4%  | 25  |
| DPP110T             | 110/280         | PW1:1        | 34  | 3%  | 57   | 39                 | 52   | 4%  | 20  |
| <b>Material No.</b> | <b>Mesh No.</b> | <b>Color</b> | <b>Weave</b>  | <b>Thread Diameter <math>\mu\text{m}</math></b>             | <b>mesh-opening <math>\mu\text{m}</math></b> | <b>Open area%</b>  | <b>Mesh thickness <math>\mu\text{m}</math></b> | <b>ink volume <math>\text{cm}^3/\text{m}^2</math></b> | <b>Suggestion Highest Tension N/CM</b>                            |
| DPP100-40           | 100/255         | Y            | PW 1:1  | 40  | 60   | 31                 | 64   | 20  | 26-28   |
| DPP120-31           | 120/305         | Y            | PW 1:1  | 31  | 53   | 40                 | 48   | 19  | 21-24   |
| DPP120-34           | 120/305         | W            | PW 1:1  | 34  | 45   | 29                 | 55   | 16  | 24-26   |
| DPP165--27          | 165/420         | Y            | PW1:1   | 27  | 30   | 25                 | 46   | 12  | 17-21   |
| DPP90-48            | 90/230          | Y            | PW 1:1  | 48  | 63   | 32                 | 81   | 22  | 27-29   |
| DPP110-34           | 110/280         | Y            | PW 1:1  | 34  | 53   | 35                 | 56   | 20  | 22-24   |
| DPP110-40           | 110/280         | Y            | PW 1:1  | 40  | 50   | 32                 | 65   | 18  | 25-30   |

|           |         |   |       |    |    |    |    |   |       |
|-----------|---------|---|-------|----|----|----|----|---|-------|
| DPP165-31 | 165/420 | Y | PW1:1 | 31 | 24 | 17 | 55 | 8 | 24-26 |
|-----------|---------|---|-------|----|----|----|----|---|-------|

| <b>Material No.</b> | <b>Mesh No.</b> | <b>Color</b> | <b>Thread Diameter <math>\mu\text{m}</math></b> | <b>mesh-opening <math>\mu\text{m}</math></b> | <b>Open area%</b> | <b>Mesh thickness <math>\mu\text{m}</math></b> |
|---------------------|-----------------|--------------|---|--|-------------------|--|
| 24T                 | 24/60           | W            | 140   | /  | /                 | /  |
| 90T                 | 90/230          | Y            | 40  | /  | /                 | /  |
| 120T                | 120/305         | Y            | 34  | /  | /                 | /  |
| 100T                | 100/255         | Y            | 40  | 61   | 37                | 70   |
| 165T                | 165/420         | Y            | 27  | /  | /                 | /  |
| 165T                | 165/420         | Y            | 31  | /  | /                 | /  |
| 90T                 | 90/230          | Y            | 48  | 66   | 35                | 85   |
| 110T                | 110/280         | Y            | 40  | 52   | 33                | 85   |