

DuPont™ Artistri® Ink - 700 Series

Acid Dye Ink

End Use Properties

Ink Type: DuPont™ Artistri® 700 Series Acid Dye Ink
Fabric Type: Nylon/Lycra®
Print Resolution: 600 x 540dpi, 100% Ink Coverage

The following data represents results of internal testing performed with the specified ink, fabric and print resolution. Results in actual end uses may vary, depending upon the particular conditions of use.

| Test Name | Test ID Number | C A774 | M A717 | Y A746 | K A796 | O A737 | B A776 | R A743 | LtK A791 | LtC A772 | LtM A712 |
|--------------------------------------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|
| Wash Fastness (50C) | AATCC 61 (ISO105-C06, B1M) | | | | | | | | | | |
| | Shade Change | 4-5 | 4-5 | 5 | 5 | 4 | 4 | 4-5 | 4-5 | 4-5 | 4 |
| | Color Transfer | | | | | | | | | | |
| | Silk | 5 | 4-5 | 5 | 5 | 3 | 3 | 4-5 | 5 | 5 | 4-5 |
| | Wool | 5 | 4-5 | 5 | 4-5 | 4-5 | 4-5 | 5 | 5 | 5 | 4-5 |
| | Cotton | 5 | 4-5 | 5 | 5 | 4-5 | 4-5 | 5 | 5 | 5 | 4-5 |
| | Nylon | 5 | 5 | 5 | 5 | 3-4 | 3-4 | 4-5 | 5 | 5 | 5 |
| Acid Perspiration | AATCC 15 (ISO105-E04) | | | | | | | | | | |
| | Shade Change | 4-5 | 5 | 4-5 | 5 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 4-5 |
| | Color Transfer | | | | | | | | | | |
| | Silk | 5 | 4-5 | 5 | 4-5 | 5 | 5 | 4-5 | 5 | 5 | 5 |
| | Wool | 5 | 4-5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4-5 |
| | Cotton | 5 | 5 | 5 | 5 | 5 | 5 | 4-5 | 5 | 5 | 5 |
| | Nylon | 5 | 5 | 5 | 4-5 | 5 | 5 | 4-5 | 5 | 5 | 5 |
| Alkali Perspiration | ISO 105-E05 | | | | | | | | | | |
| | Shade Change | 5 | 5 | 4-5 | 4-5 | 5 | 5 | 4-5 | 4-5 | 4-5 | 5 |
| | Color Transfer | | | | | | | | | | |
| | Silk | 5 | 4-5 | 5 | 4-5 | 4-5 | 5 | 3-4 | 5 | 5 | 4-5 |
| | Wool | 5 | 4-5 | 5 | 5 | 4-5 | 5 | 5 | 5 | 5 | 4-5 |
| | Cotton | 5 | 4-5 | 5 | 5 | 4 | 5 | 4-5 | 5 | 5 | 4-5 |
| | Nylon | 5 | 4-5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 4-5 |
| Light Fastness (Xenon Lamp 20hrs) | AATCC 16 (ISO105-B02) | 2 | 2-3 | 5 | 5 | 4 | 4 | 2-3 | 4-5 | 2 | 1-2 |
| Wet and Dry Crock Fastness | AATCC 8 (ISO105-X12) | 4/5 | 5/5 | 5/5 | 4-4/4-5 | 4-5/4-5 | 5/5 | 4-5/5 | 4-5/5 | 5/5 | 5/5 |
| Water Fastness | AATCC 107 (ISO105-E01) | | | | | | | | | | |
| | Shade Change | 5 | 5 | 4-5 | 4-5 | 4-5 | 4 | 5 | 4-5 | 4-5 | 5 |
| | Color Transfer | | | | | | | | | | |
| | Silk | 5 | 4-5 | 5 | 4-5 | 5 | 5 | 4 | 5 | 5 | 4-5 |
| | Wool | 5 | 4-5 | 5 | 5 | 5 | 5 | 4-5 | 5 | 5 | 4-5 |
| | Cotton | 5 | 5 | 5 | 5 | 5 | 5 | 4-5 | 5 | 5 | 5 |
| | Nylon | 5 | 5 | 5 | 5 | 4-5 | 5 | 4 | 5 | 5 | 4-5 |

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