VariQuest

Perfecta® Series Printer Media and Ink
Technical Data Sheet

Perfecta® Bond Paper

Specifications

Roll dimensions	24 in. x 150 ft.
Media roll, core size	2 in.
Package Weight	6.05 lbs.
Brightness	110% per ISO 2470-2 Test Method
Page weight	21 lb.
Opacity	91% per ISO 2471 Test Method
Smoothness	200 +/- 50 per ISO 2494 Test Method
Whiteness	160 per ISO 11475 Test Method
Gloss level	Matte per ASTM D-523 Test Method
Waterfastness	Lamination required
Primary Material	Wood fiber
Recycling Method	Recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).

Finishing & Post Processing

Lamination	Hot and Cold

Operating Conditions

Operating Temperature	59 to 86°F
Operating Humidity	20 to 70% RH
Drying Time	Instant (@ 23°C, 50% RH)
Shelf Life	2 years, unopened in original packaging

VariQuest

Perfecta® Gloss Photo Paper

Specifications

Roll dimensions	*24 in. x 100 ft.*
Media roll, core size	*2 in.*
Package Weight	*8.28 lbs.*
Brightness	*Greater than 92% per TAPPI T-452 Test Method*
Page weight	*53.3 lb.*
Opacity	
Smoothness	
Whiteness	*99 per ISO 11476 Test Method*
Gloss level	*Greater than 27 (per 20 degree gloss) per TAPPI T653 om-98 Test Method*
Waterfastness	
Primary material	*Wood fiber and Polyethylene*
Recycling Method	*Recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).*

Finishing & Post Processing

Lamination	*Hot and Cold*

Operating Conditions

Operating Temperature	*59 to 86° F*
Operating Humidity	*15 to 80% RH*
Drying Time	*Less than 2 minutes (@ 23° C, 50% RH)*
Shelf Life	*2 years, unopened in original packaging*

Perfecta® Heavyweight Coated Paper

Specifications

Roll dimensions	*24 in. x 100 ft.*
Media roll, core size	*2 in.*
Package Weight	*6.11 lbs.*
Brightness	*Greater than 95 per TAPPI T-452 Test Method*
Paper Thickness	*6.8 mil*
Page weight	*33 lb.*
Opacity	*Greater than 92% per TAPPI T-425 Test Method*
Smoothness	*100 per TAPPI T-547 Test Method*
Whiteness	*133 per CIE GANZ 82 Test Method*
Gloss level	*Matte per ASTM D-523 Test Method*
Waterfastness	*Lamination required*
Primary material	*Wood fiber*
Recycling Method	*Recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).*

Finishing & Post Processing

Lamination	*Hot and Cold*

Operating Conditions

Operating Temperature	*59 to 86°F*
Operating Humidity	*30 to 70% RH*
Drying Time	*Instant (@ 23°C, 50% RH)*
Shelf Life	*2 years, unopened in original packaging*

Perfecta® Matte Polypropylene

Specifications

Roll dimensions	*24 in. x 100 ft*
Media roll, core size	*2 in.*
Package Weight	*13.8 lbs.*
Brightness	*Greater than 101% per ISO 2470 Test Method*
Opacity	*Greater than 96% per TAPPI T-425 Test Method*
Whiteness	*Greater than 113 per ISO 11476 Test Method*
Gloss level	*2.5 +/-1 per ASTM D-523 Test Method*
Waterfastness	*Yes*
Primary material	*Polypropylene*
Recycling Method	*Recyclable through the HP Large-format Media take-back program.*

Finishing & Post Processing

Lamination	*Cold only.*

Operating Conditions

Operating Temperature	*59 to 86° F*
Operating Humidity	*20 to 80% RH*
Drying Time	*11 minutes (@ 23° C, 50% RH)*
Shelf Life	*1 year, unopened in original packaging*

Perfecta® Semi-Gloss Photo Paper

Specifications

Roll dimensions	*24 in. x 100 ft*
Media roll, core size	*2 in.*
Package Weight	*7.78 lbs.*
Brightness	*Greater than 92% per TAPPI T-452 Test Method*
Page weight	*53.3 lb*
Opacity	*Greater than 94.5% per ISO 2471 Test Method*
Whiteness	*99 per ISO 11476 Test Method*
Gloss level	*24 at 60° per ASTM D-523 Test Method*
Waterfastness	*Not applicable*
Primary material	*Wood fiber and Polyethylene*
Recycling Method	*Recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).*

Finishing & Post Processing

Lamination	*Hot and Cold*

Operating Conditions

Operating Temperature	*59 to 86° F*
Operating Humidity	*15 to 80% RH*
Drying Time	*Less than 2 minutes (@ 23° C, 50% RH)*
Shelf Life	*2 years, unopened in original packaging*

VariQuest

Perfecta® 13 x 19 Heavyweight Coated Paper

Specifications

Sheet dimensions	*13 in. x 19 in.*
Material	*61# matte, neutral white paper*
Gauge	*9.5 mil 230 gsm +0/-5*
Opacity	*>98*
Whiteness	*>95*
Printer/Ink Compatibility	*Dye/Pigment*
Recycling Method	*Recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).*

Finishing & Post Processing

Lamination	*Hot and Cold*

Operating Conditions

Operating Temperature/Humidity	*72° F (21° C), 50% R.H. For end use: 0-300° F*
Storage Conditions	*70° F (21° C), 50% R.H. (a controlled environment is recommended); store in original packaging.*
Shelf Life	*2 years, unopened in original packaging*

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Perfecta® STP Series CMYK Ink Cartridges

Specifications

Weight	*0.31 lb*
Minimum dimensions (W x D x H)	*125 x 141 x 39 mm*
Ink Type	*(Black: Pigment-based ink) (Cyan, Magenta, Yellow: Dye-based ink)*
Ink Drop	*6 pl*
Print Cartridge Volume Delivered	*69ml*
Print head nozzles	*9632*
Printhead swatch (inch)	*1.125 in*
Print Technology	*HP Thermal Inkjet*
Print Resolution Technologies	*TIJ 4.0*

Operating and Storage Conditions

Operating Temperature	*41° to 104°F*
Storage Temperature	*-13° to 131°F*
Operating Humidity	*20 to 80 % Relative Humidity (RH)*
Storage Humidity	*20 to 80 % Relative Humidity (RH)*
Shelf Life	*18 months in normal conditions*
Drying Time	*Depends on Paper Type*

Perfecta® 2400& 2400PRO CMYK Ink Cartridges

Specifications

Weight	*~0.15 lb*
Minimum dimensions (W x D x H)	
Ink Type	*(Black: Pigment-based ink) (Cyan, Magenta, Yellow: Dye-based ink)*
Ink Drop	
Print Cartridge Volume Delivered	*(Black: 38ml) (Cyan, Magenta, Yellow: 29ml)*
Print head nozzles	
Printhead swatch (inch)	
Print Technology	*HP Thermal Inkjet*
Print Resolution Technologies	

Operating and Storage Conditions

Operating Temperature	*41° to 95°F*
Storage Temperature	*-40° to 140°F*
Operating Humidity	*10 to 90 % Relative Humidity (RH)*
Storage Humidity	*10 to 90 % Relative Humidity (RH)*
Shelf Life	*18 months in normal conditions*
Drying Time	*Depends on Paper Type*

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