

Artist Mirror Gloss (CC6)

Artist Mirror Gloss Heavy Weight (CC7)

Artist Dual-Sided Semi Gloss (GC2)

Artist SemiGloss (GCB150)

Mitsubishi Ink Jet Proofing Paper (SG185)

IJ-MC-KSD90 Special Order

Matte Heavy Weight (NMB) for Desktop

Double Weight Matte (NMB) for Wide Format

Dual-Sided Matte (KSM165)

Photogloss Heavy Weight (IJMF) 9 Mil.

PhotoGrade Supreme Glossy (IJUF) 7 Mil.

PhotoGrade Supreme Matte (IJUM) 7 Mil.

PhotoGrade Premium Paper (Glossy - IJEF) 7 Mil.

PhotoGrade Premium Paper (Semi Gloss - IJEN) 7 Mil.

PhotoGrade Premium Paper (Glossy - IJDF) 7 Mil.

PhotoGrade Premium Paper (Semi Gloss - IJDN) 7 Mil.

PhotoGrade Premium Paper (Glossy - IJGF) for Pigmented Inks

PhotoGrade Premium Paper (Semi Gloss - IJGN) for Pigmented Inks

Indoor/Outdoor Banner (NWA)

Outdoor Banner (FJA)

ARTIST MIRROR GLOSS (CC6)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight ¹	149 ± 8 g/m ²	ISO-536
Thickness ²	175 ± 9 μm	ISO-534
Bekk Smoothness front	80 ± 30 sec	ISO-5627
Brightness	97% ± 7%	ISO 2470
Opacity	92% ± 7%	ISO-2471
Gloss	70% ± 7% (75°)	ISO-8254
Clark Stiffness (MD)	195 ± 60 cm ³ /100	Tappi-451 cm-84
Clark Stiffness (CD)	90 ± 40 cm ³ /100	Tappi-451 cm-84

Other expressions: ¹Weight: 39.1 ± 2.1 lb.; ²Thickness: 6.8 ± 0.4 mil.

B. Printing Characteristics

PRINTER: HP DeskJet 990cxi				
Characteristic	Print CIE L*a*b* values (D65, 10°)			
	Density	L*	a*	b*
Black (100%)	1.57	20.62	-7.47	-8.25
Cyan (100%)	1.40	57.32	-28.13	-38.13
Magenta (100%)	1.76	38.75	65.06	7.06
Yellow (100%)	1.70	82.43	14.19	100.66
Red (M+Y)	NA	42.96	60.00	36.28
Green (C+Y)	NA	44.06	-47.28	19.75
Blue (C+M)	NA	26.58	6.75	-43.73

1. Printer Settings

Paper Type- Premium Photo Paper, Glossy
Print Quality – Best

2. Measurement Equipment

GretagMacbeth SpectroEye.

3. Compatible Models

Designed for use with all desktop color ink jet printers.

4. Supply

8.5" x 11" sheets
11" x 17" sheets
13" x 19" sheets
17" x 22" sheets

5. Features

- Instant drying
- Water-resistant

ARTIST MIRROR GLOSS HEAVY WEIGHT (CC7)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight ¹	178 ± 9 g/m ²	ISO-536
Thickness ²	210 ± 12 μm	ISO-534
Brightness	96% ± 10%	ISO 2470
Opacity	96% ± 5%	ISO-2471
Gloss	69% ± 7% (75°)	ISO-8254

Other expressions: ¹Weight: 47.6 ± 2.4 lb.; ²Thickness: 6.8 ± 0.4 mil.

B. Printing Characteristics

PRINTER: HP DeskJet 990cxi

Characteristic	Print CIE L*a*b* values (D65, 10°)			
	Density	L*	a*	b*
Black (100%)	1.59	20.17	-7.63	-8.48
Cyan (100%)	1.45	57.28	-29.10	-38.25
Magenta (100%)	1.81	38.46	65.66	8.39
Yellow (100%)	1.71	82.34	14.20	101.07
Red (M+Y)	NA	42.80	60.75	37.15
Green (C+Y)	NA	43.59	-48.00	20.22
Blue (C+M)	NA	26.10	6.87	-43.99

1. Printer Settings

Paper Type- Premium Photo Paper, Glossy
Print Quality – Best

2. Measurement Equipment

GretagMacbeth SpectroEye.

3. Compatible models

Designed for use with all desktop color ink jet printers.

4. Supply

8.5" x 11" sheets
11" x 17" sheets
13" x 19" sheets
17" x 22" sheets

5. Features

- Instant drying
- Water-resistant

ARTIST DUAL-SIDED SEMI GLOSS (GC2)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight ¹	165 ± 10 g/m ²	ISO-536
Thickness ²	180 ± 13 μm	ISO-534
Bekk Smoothness	130 ± 90 sec	ISO-5627
Brightness	>86 %	ISO 2470
Opacity	>90 %	ISO-2471
Gloss	57% ± 7% (75°)	JIS P8142

Other expressions: ¹Weight: 43.9 ± 2.7 lb.; ²Thickness: 4.6 ± 0.5 mil.

B. Printing Characteristics

PRINTER: HP DeskJet 990cxi				
Characteristic	Print CIE L*a*b* values (D65, 10°)			
	Density	L*	a*	b*
Black (100%)	1.69	17.93	-8.20	-8.83
Cyan (100%)	1.46	57.29	-28.52	-39.30
Magenta (100%)	1.88	38.14	65.68	6.75
Yellow (100%)	1.78	82.61	12.84	103.60
Red (M+Y)	NA	42.07	61.62	40.34
Green (C+Y)	NA	43.90	-49.47	21.28
Blue (C+M)	NA	25.07	8.06	-45.97

1. Printer Settings

Paper Type- Premium Photo Paper
Print Quality – Best

2. Measurement Equipment

Gretag/Macbeth SpectroEye.

3. Compatible models

Designed for use with all desktop color ink jet printers.

4. Supply

8.5" x 11" sheets
11" x 17" sheets
13" x 19" sheets
17" x 22" sheets

5. Features

- High-quality printing on both sides
- Instant drying
- Water-resistant

ARTIST SEMIGLOSS (GCB150)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	150 g/m ²	JIS P8124
Thickness	160 μm	JIS P8118
Bekk Smoothness	front 191 sec back 108 sec	JIS P8119
Brightness	86%	ISO 2470
Opacity	90%	JIS P8138
Gloss	57% (75°)	JIS Z8741
Clark Stiffness (MD)	240 cm ³ /100	JIS P8143
Clark Stiffness (CD)	120 cm ³ /100	

Other expressions - use same as page 1

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP Dye ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	1.70	
Cyan	1.44	
Magenta	1.88	
Yellow	1.82	
Ink Absorption	200%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	26%	
Cyan	24%	
Magenta	23%	
Yellow	23%	
Drying Speed	<1 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	150 g/m ²
Thickness	160 μm (6.5 mil, 40 lbs.)
Supply	36" x 100 ft. 44" x 100 ft. 24" x 100 ft. 13" x 19" sheets

2. Compatible models

- ENCAD NovaJet PRO, PROe (GA ink, GS ink, GO ink)
- HP DesignJet 750C (dye ink)
- HP DesignJet 2000/2500, 3000/3500 CP (dye ink, UV ink)
- EPSON PM9000C (dye ink)
- CANON BJW7000 (dye ink)
- ROLAND Hi-FiJet (pigment ink), CammJet (pigment ink)
- MIMAKI JV2-130 (pigment ink), JV-1300 (pigment ink)

3. Features

- Gloss surface similar to coated paper for offset-printing. The gloss level is approximately 55%.
- Offers superior whiteness. Produces vivid color gamut.
- Quick drying
- Water resistant

MITSUBISHI INK JET PROOFING PAPER (SG185)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight ¹	185 ± 8 g/m ²	ISO-536
Thickness ²	200 ± 10 μm	ISO-534
Bekk Smoothness front	170 ± 90 sec	ISO-5627
Opacity	>95%	ISO-2471
Clark Stiffness (MD)	240 ± 30 cm ³ /100	Tappi-451 cm-84
Clark Stiffness (CD)	120 ± 20 cm ³ /100	Tappi-451 cm-84

Other expressions: ¹Weight: 49.2 ± 2.7 lb.; ²Thickness: 7.9 ± 0.4 mil.

B. Printing Characteristics

PRINTER: HP DeskJet 990cxi				
Characteristic	Print CIE L*a*b* values (D65, 10°)			
	Density	L*	a*	b*
Black (100%)	1.71	17.18	-7.93	-7.65
Cyan (100%)	1.45	57.89	-28.90	-38.64
Magenta (100%)	1.88	38.43	65.94	7.76
Yellow (100%)	1.83	82.76	13.16	104.97
Red (M+Y)	NA	42.13	61.99	41.76
Green (C+Y)	NA	44.17	-50.12	22.29
Blue (C+M)	NA	25.13	7.92	-45.59

1. Printer Settings

Paper Type- Premium Photo Paper, Glossy
Print Quality – Best

2. Measurement Equipment

GretagMacbeth SpectroEye.

3. Compatible models

Designed for use with all desktop color ink jet printers.
(s. Recommended printer settings)

4. Supply

13" x 19" sheets
24" x 100 ft. rolls
36" x 100 ft. rolls
44" x 100 ft rolls

5. Features

- Shade matched to commercial printing stock
- Semi-gloss surface
- Instant drying
- Water resistant

IJ-MC-KSD90 SPECIAL ORDER

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	89 g/m ²	JIS P8124
Thickness	110 μm	JIS P8118
Density	0.81 g/cm ³	JIS P8118
Bekk Smoothness	front 60 back 66	JIS P8119
Brightness	105.1%	ISO 2470
Opacity	90%	JIS P8138
Gloss	6% (75°)	JIS Z8741
Clark Stiffness (MD)	72 cm ³ /100	JIS P8143
Clark Stiffness (CD)	36 cm ³ /100	

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP Dye ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	1.53	
Cyan	1.40	
Magenta	1.28	
Yellow	1.40	
Ink Absorption	200%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	1%	
Cyan	1%	
Magenta	1%	
Yellow	2%	
Drying Speed	<1 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	90 g/m ²
Thickness	114 μm (24 lbs.)
Supply	Master rolls or minimum of 100-300 finished rolls depending on widths.

2. Compatible models

- HP DesignJet 750C (Dye ink)
- HP DesignJet 2000/2500, 3000/35000 CP (Dye ink, UV ink)

3. Features

- Available for high-accuracy ink-jet printing.
- Optimized for 600, 720 and 1440 dpi printing.
- Recommended not only for documents but also full color printing.
- Matte medium weight is recommended for narrow printers and wide format CAD use.
- Offers superior whiteness (99.6 brightness).
- Allows use with photo inks as well as standard inks.

MATTE HEAVY WEIGHT (NMB) FOR DESKTOP

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	119 g/m ²	JIS P8124
Thickness	150 μm	JIS P8118
Density	0.79 g/cm ³	JIS P8118
Bekk Smoothness	front 40 back 38	JIS P8119
Brightness	105.0%	ISO 2470
Opacity	92.7%	JIS P8138
Gloss	5% (75°)	JIS Z8741
Clark Stiffness (MD)	143 cm ³ /100	JIS P8143
Clark Stiffness (CD)	83 cm ³ /100	

Other expressions: ¹Weight 31± 2.1 lbs.

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP Dye ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	1.51	
Cyan	1.35	
Magenta	1.24	
Yellow	1.36	
Ink Absorption	200%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	1%	
Cyan	1%	
Magenta	1%	
Yellow	2%	
Drying Speed	<1 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	117 g/m ²
Thickness	148 μm (31 lbs.)
Supply	8.5" x 11" sheets 11" x 17" sheets 13" x 19" sheets 17" x 22" sheets

2. Compatible models

All desktop printers

3. Features

- Optimized for 600, 720 and 1440 dpi printing.
- Recommended not only for documents but also full color printing.
- Offers superior whiteness (99.6 brightness).
- Allows use with photo inks as well as standard inks.

DOUBLE WEIGHT MATTE (NMB) FOR WIDE FORMAT

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	141 g/m ²	JIS P8124
Thickness	170 μm	JIS P8118
Density	0.83 g/cm ³	JIS P8118
Bekk Smoothness	front 41 sec back 34 sec	JIS P8119
Brightness	104.5%	ISO 2470
Opacity	93%	JIS P8138
Gloss	5% (75°)	JIS Z8741
Clark Stiffness (MD)	210 cm ³ /100	JIS P8143
Clark Stiffness (CD)	122 cm ³ /100	

Other expressions: ¹Weight 42 ± 2.1 lbs.

B. Printing Characteristics

PRINTER: NovaJet PRO GO ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth
Black	1.55	SpectroEye
Cyan	1.38	
Magenta	1.24	
Yellow	1.37	
Ink Absorption	200%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	1%	
Cyan	1%	
Magenta	1%	
Yellow	2%	
Drying Speed	<1min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	143 g/m ²
Thickness	170 μm (42 lbs.)
Supply	16.5" x 49 ft. (Epson 3000)
	24" x 100 ft.
	36" x 100 ft.
	42" x 100 ft.
	44" x 100 ft.
	50" x 100 ft.
	54" x 100 ft.

2. Compatible models

- ENCAD NovaJet PRO, PROe (GA ink, GS ink, GO ink)
- HP DesignJet 750C (dye ink)
- HP DesignJet 2000/2500, 3000/3500 CP (dye ink, UV ink)
- EPSON PM9000C (dye ink), 7000, 5000, 3000
- CANON BJW7000 (dye ink)
- ROLAND Hi-FiJet (pigment ink), CammJet (pigment ink)
- MIMAKI JV2-130 (pigment ink), JV-1300 (pigment ink)

3. Features

- Optimized for 600, 720 and 1440 dpi printing.
 - Recommended not only for documents but also full color printing.
- Offers superior whiteness (99.6 brightness).
- Designed assuming wide format use.

DUAL-SIDED MATTE (KSM165)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight ¹	165 ± 9 g/m ²	ISO-536
Thickness ²	220 ± 10 μm	ISO-534
Bekk Smoothness front	50 ± 30 sec	ISO-5627
Bekk Smoothness back	30 ± 15 sec	ISO-5627
Brightness	95% ± 10%	ISO 2470
Opacity	95% ± 5%	ISO-2471
Clark Stiffness (MD)	320 ± 100 cm ³ /100	Tappi-451 cm-84
Clark Stiffness (CD)	140 ± 50 cm ³ /100	Tappi-451 cm-84

Other expressions: ¹Weight: 43.9 ± 2.4 lb.; ²Thickness: 8.7 ± 0.4 mil.

B. Printing Characteristics

PRINTER: HP DeskJet 990cxi				
Characteristic	Print CIE L*a*b* values (D65, 10°)			
	Density	L*	a*	b*
Black (100%)	1.44	24.59	-9.10	-6.56
Cyan (100%)	1.33	56.83	-27.98	-36.63
Magenta (100%)	1.57	39.39	60.56	4.68
Yellow (100%)	1.56	81.10	15.15	94.81
Red (M+Y)	NA	43.56	54.99	33.66
Green (C+Y)	NA	44.14	-42.07	17.50
Blue (C+M)	NA	28.38	4.01	-39.45

1. Printer Settings

Paper Type- Premium Photo Paper, Matte
Print Quality – Best

2. Measurement Equipment

Gretag/Macbeth SpectroEye.

3. Compatible models

Designed for use with all desktop color ink jet printers.

4. Supply

8.5" x 11" sheets
11" x 17" sheets
13" x 19" sheets
17" x 22" sheets

5. Features

- High-quality printing on both sides
- Heavy weight minimizes "show-through"

PHOTOGLOSS HEAVY WEIGHT (IJMF) 9 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	224 g/m ²	ISO-536
Thickness	258 μ m	ISO-534
Density	1.21 g/cm ³	JIS P8119
Bekk Smoothness front	90 \pm 30 sec	ISO-5627
Brightness	95 \pm 10%	ISO 2470
Opacity	95 \pm 5%	JIS P8138
Gloss	7.9% (75°)	JIS Z8741
Clark Stiffness (MD)	195 \pm 60 cm ³ /100	Tappi-451 cm-84
Clark Stiffness (CD)	90 \pm 40 cm ³ /100	Tappi-451 cm-84

B. Printing Characteristics

PRINTER: HP DeskJet 990cxi

Characteristic	Print CIE L*a*b* values (D65, 10°)			
	Density	L*	a*	b*
Black (100%)	1.57	20.62	-7.47	-8.25
Cyan (100%)	1.40	57.32	-28.13	-38.13
Magenta (100%)	1.76	38.75	65.06	7.06
Yellow (100%)	1.70	82.43	14.19	100.66
Red (M+Y)	NA	42.96	60.00	36.28
Green (C+Y)	NA	44.06	-47.28	19.75
Blue (C+M)	NA	26.58	6.75	-43.73

The above characteristic values are actual measured values, not standard values.
Specific sheets have been prepared separately.

* It shows following ink absorption quantity.

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product Form

- 8.5" x 11" Sheets
- 11" x 17" Sheets
- 13" x 19" Sheets
- 17" x 22" Sheets
- 24" x 100 ft. Rolls

2. Compatible Models

- All desktop inkjet printers.
Epson 7000, 7500
(not for heavy ink laydown)

3. Features

- Quick Drying (less than 3 seconds)
- Water Resistant
- True Photographic Base Paper
- Bright White, High Gloss
- Compatible with dye and pigment inks

PHOTOGRADE SUPREME GLOSSY (IJUF) 7 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	170 ± 8 g/m ²	ISO-536
Thickness	0.183 ± 0.008 mm	ISO-534
Hue	L	94.9 ± 1.5
	a	1.6 ± 0.8
	b	-3.9 ± 0.8
Bekk Smoothness	surface 10,000 over	ISO-5627
Brightness	94% ± 3%	ISO 2470
Opacity	90% ± 4%	ISO-2471
Gloss	54% ± 5% (75°)	JIS P8142
Clark Stiffness (MD)	130 ± 55 cm ³ /100	JIS P8143
Clark Stiffness (CD)	85 ± 40 cm ³ /100	JIS P8143

B. Printing Characteristics

PRINTER: HP Design Jet 3500 CP (Dye Ink)

Density	Measurement Instrument
Cyan >1.50	Sakura Densitometer PDA65
Magenta >1.50	
Yellow >1.90	
Black >1.50	

Printing Mode: High-Gloss Photo Paper; Final Quality; No Color Adjustment

PRINTER: HP Design Jet 2500 CP (UV Ink)

Density	Measurement Instrument
Cyan >2.00	Sakura Densitometer PDA65
Magenta >2.20	
Yellow >2.00	
Black >2.40	

Printing Mode: Heavyweight Coated Paper; High Quality; No Color Adjustment

1. Features

- Quick drying enables easy handling of printed media.
- Suitable with both dye base ink and pigmented ink.
- Excellent water-fastness can eliminate the lamination process for indoor use.
- Broad printer compatibility.
- Excellent color reproduction and wide color gamut.
- Excellent smoothness.
- Cockling-free.

2. Supply

- 36" x 100 ft. rolls
- 44" x 100 ft. rolls

PHOTOGRADE SUPREME MATTE (IJUM) 7 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	167 ± 8 g/m ²	ISO-536
Thickness	0.179 ± 0.008 μm	ISO-534
Hue	L	94.9 ± 1.5
	a	1.6 ± 0.8
	b	-3.9 ± 0.8
Bekk Smoothness	surface 500 over	ISO-5627
Brightness	94% ± 3%	ISO 2470
Opacity	90% ± 4%	ISO-2471
Gloss	43% ± 5% (75°)	JIS P8142
Clark Stiffness (MD)	130 ± 55 cm ³ /100	JIS P8143
Clark Stiffness (CD)	85 ± 40 cm ³ /100	JIS P8143

B. Printing Characteristics

PRINTER: HP Design Jet 3500 CP (Dye Ink)

Density	Measurement Instrument
Cyan >1.50	Sakura Densitometer PDA65
Magenta >1.50	
Yellow >1.90	
Black >1.50	

Printing Mode: High-Gloss Photo Paper; Final Quality; No Color Adjustment

PRINTER: HP Design Jet 2500 CP (UV Ink)

Density	Measurement Instrument
Cyan >2.00	Sakura Densitometer PDA65
Magenta >2.20	
Yellow >2.00	
Black >2.40	

Printing Mode: Heavyweight Coated Paper; High Quality; No Color Adjustment

1. Features

- Quick drying enables easy handling of printed media.
- Suitable with both dye base ink and pigmented ink.
- Excellent water-fastness can eliminate the lamination process for indoor use.
- Broad printer compatibility.
- Excellent color reproduction and wide color gamut.
- Excellent smoothness.
- Cockling-free.

2. Supply

- 36" x 100 ft. rolls
- 44" x 100 ft. rolls

PHOTOGRADE PREMIUM PAPER (GLOSSY – IJEF) 7 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	185 g/m ²	JIS P8124
Thickness	176 μm	JIS P8118
Density	1.05 g/cm ³	JIS P8118
Bekk Smoothness	front >10000sec back 103 sec	JIS P8119
Brightness	85.9%	ISO 2470
Opacity	93.3%	JIS P8138
Gloss	98% (75°)	JIS Z8741
Clark Stiffness (MD)	194 cm ³ /100	JIS P8143
Clark Stiffness (CD)	121 cm ³ /100	

B. Printing Characteristics

PRINTER: ENCAD NovaJet PROe GS ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	2.74	
Cyan	2.10	
Magenta	1.76	
Yellow	2.02	
Ink Absorption	300%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	90%	
Cyan	80%	
Magenta	85%	
Yellow	89%	
Drying Speed	15 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	186 g/m ²
Thickness	180 μm (7 mil.)
Supply	36" x 100 ft. 50" x 100 ft. 60" x 100 ft.

2. Compatible models

- ENCAD NovaJet PRO, PROe (GA ink, GS ink)
- COLORSPAN 6-head

3. Features

- Has the same glossy surface quality as photographic paper. High gloss surface equivalent to the F- surface of photographic paper.
- Offers superior color gamut. Superior to not only other media manufacturers' products but also printer manufacturers' products.
- Designed for ENCAD dye inks.
- Ideal for heavy ink lay downs.
- Bright whites.

PHOTOGRADE PREMIUM PAPER (SEMI GLOSS – IJEN) 7 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	178 g/m ²	JIS P8124
Thickness	172 μm	JIS P8118
Density	1.03 g/cm ³	JIS P8118
Bekk Smoothness	front 930 sec back 65 sec	JIS P8119
Brightness	88.9%	ISO 2470
Opacity	91.9%	JIS P8138
Gloss	59% (75°)	JIS Z8741
Clark Stiffness (MD)	105 cm ³ /100	JIS P8143
Clark Stiffness (CD)	60 cm ³ /100	

B. Printing Characteristics

PRINTER: ENCAD NovaJet PROe GS ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	2.63	
Cyan	1.96	
Magenta	1.75	
Yellow	1.99	
Ink Absorption	300%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	26%	
Cyan	27%	
Magenta	26%	
Yellow	29%	
Drying Speed	15 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	177 g/m ²
Thickness	180 μm (7 mil.)
Supply	36" x 100 ft. 42" x 100 ft. 50" x 100 ft. 60" x 100 ft.

2. Compatible models

- ENCAD NovaJet PRO, PROe (GA ink, GS ink)
- COLORSPAN 6-head

3. Features

- Produces the same level surface quality (semi-gloss) as photographic paper. Semi-gloss surface equivalent to the N-surface of photographic paper.
- Offers superior color gamut. Superior to not only other media manufacturers' products but also printer manufacturers' products.
- Designed for ENCAD dye inks.
- Ideal for heavy ink laydowns.
- Bright whites.

PHOTOGRADE PREMIUM PAPER (GLOSSY – IJDF) 7 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Test Method
Weight	187 g/m ² JIS P8124
Thickness	184 μm JIS P8118
Density	1.02 g/cm ³ JIS P8118
Bekk Smoothness front	83 sec JIS P8119
Bekk Smoothness back	107 sec
Brightness	87.6% ISO 2470
Opacity	93.2% JIS P8138
Gloss	91% (75°) JIS Z8741
Clark Stiffness (MD)	48 cm ³ /100 JIS P8143
Clark Stiffness (CD)	35 cm ³ /100

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP dye ink

Characteristic	Test Method
Inking Performance	Density GretagMacbeth SpectroEye
Black Color	2.09
Cyan	1.94
Magenta	1.45
Yellow	1.46
Ink Absorption	300% Absorption limit*
Gloss (60°)	JIS Z8741
Black	83%
Cyan	78%
Magenta	80%
Yellow	83%
Drying Speed	10 min

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	189 g/m ²
Thickness	180 μm (7 mil.)
Supply	36" x 100 ft. 54" x 100 ft.

2. Compatible models

- HP DesignJet 2000/2500, 3000/3500, CP 5000 (dye ink)

3. Features

- Has the same glossy surface quality as photographic paper. High gloss surface equivalent to the F-surface of photographic paper.
- Offers superior color gamut. Superior to not only other media manufacturers' products but also printer manufacturers' products.
- Designed for HP's Design Jet dye inks. Compared with the printer manufacturer's products, this media is more resistant to winding curl, easier to handle and has a higher light fastness capability.
- Ideal for heavy ink laydowns.
- Bright whites.

PHOTOGRADE PREMIUM PAPER (SEMI GLOSS – IJDN) 7 MIL.

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	182 g/m ²	JIS P8124
Thickness	176 μm	JIS P8118
Density	1.03 g/cm ³	JIS P8118
Bekk Smoothness	front 31 sec back 75 sec	JIS P8119
Brightness	89.2%	ISO 2470
Opacity	91.9%	JIS P8138
Gloss	67% (75°)	JIS Z8741
Clark Stiffness (MD)	74 cm ³ /100	JIS P8143
Clark Stiffness (CD)	55 cm ³ /100	

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP Dye ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	2.09	
Cyan	1.93	
Magenta	1.45	
Yellow	1.50	
Ink Absorption	300%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	36%	
Cyan	32%	
Magenta	31%	
Yellow	33%	
Drying Speed	10 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	181 g/m ²
Thickness	180 μm (7 mil.)
Supply	36" x 100 ft. 54" x 100 ft.

2. Compatible models

- HP DesignJet 2000/2500, 3000/3500, CP 5000 (dye ink)

3. Features

- Produces the same level surface quality (semi-gloss) as photographic paper. Semi-gloss surface equivalent to the N-surface of photographic paper.
- Offers superior color gamut. Superior to not only other media manufacturers' products but also printer manufacturers' products.
- Designed for HP's Design Jet dye inks. Compared with the printer manufacturers' products, this media is more resistant to winding curl, easier to handle and has a higher light fastness capability.
- Ideal for heavy ink laydowns.
- Bright whites.

PHOTOGRADE PREMIUM PAPER (GLOSSY – IJGF) FOR PIGMENTED INKS

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	187g/m ²	JIS P8124
Thickness	184 μm	JIS P8118
Density	1.02 g/cm ³	JIS P8118
Bekk Smoothness	front >10000 sec back 11 sec	JIS P8119
Brightness	87.1%	ISO 2470
Opacity	93.3%	JIS P8138
Gloss	97% (75°)	JIS Z8741
Clark Stiffness (MD)	197 cm ³ /100	JIS P8143
Clark Stiffness (CD)	92cm ³ /100	

B. Printing Characteristics

PRINTER: ENCAD Novajet PRO GO ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	2.60	
Cyan	2.05	
Magenta	1.28	
Yellow	1.60	
Ink Absorption	300%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	99%	
Cyan	89%	
Magenta	96%	
Yellow	66%	
Drying Speed	20 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	185 g/m ²
Thickness	180 μm (7 mil.)
Supply	36" x 100 ft.

2. Compatible models

- HP DesignJet 2000/2500, 3000/3500 CP (UV ink)
- ENCAD NovaJet PRO, PROe, PRO600e (GO ink)

3. Features

- Has the same glossy surface quality as photographic paper. High gloss surface equivalent to the F-surface of photographic paper.
- Offers superior color gamut equivalent to dye inks. There is no equivalent media among the other media or printer manufacturers' products.
- Designed for HP's Design Jet UV inks and ENCAD's GO inks. Produces a high degree of light fastness (effective for at least two years if laminated).
- Bright whites.

PHOTOGRADE PREMIUM PAPER (SEMI GLOSS – IJGN) FOR PIGMENTED INKS

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	176 g/m ²	JIS P8124
Thickness	174 μm	JIS P8118
Density	1.01 g/cm ³	JIS P8118
Bekk Smoothness	front 1790 sec back 25 sec	JIS P8119
Brightness	89.3%	ISO 2470
Opacity	92.4%	JIS P8138
Gloss	68% (75°)	JIS Z8741
Clark Stiffness (MD)	143 cm ³ /100	JIS P8143
Clark Stiffness (CD)	92 cm ³ /100	

B. Printing Characteristics

PRINTER: ENCAD NovaJet PRO GO ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	2.53	
Cyan	2.00	
Magenta	1.25	
Yellow	1.60	
Ink Absorption	300%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	61%	
Cyan	32%	
Magenta	45%	
Yellow	42%	
Drying Speed	20 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	176 g/m ²
Thickness	180 μm (7 mil.)
Supply	36" x 100 ft. 50" x 100 ft. 54" x 100 ft. 60" x 100 ft.

2. Compatible models

- HP DesignJet 2000/2500, 3000/3500 CP (UV ink)
- ENCAD NovaJet PRO, PROe, PRO600e (GO ink)

3. Features

- Produces the same level surface quality (semi-gloss) as photographic paper. Semi-gloss surface equivalent to the N-surface of photographic paper.
- Offers superior color gamut. There is no equivalent media among the other media or printer manufacturers' products.
- Designed for HP's Design Jet UV inks and ENCAD's GO inks. Produces a high degree of light fastness (effective for at least two years if laminated).
- Bright whites.

INDOOR/OUTDOOR BANNER (NWA)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	102 g/m ²	JIS P8124
Thickness	276 μm	JIS P8118
Density	0.37 g/cm ³	JIS P8118
Brightness	92.3%	ISO 2470
Opacity	91.2%	JIS P8138
Gloss	2% (75°)	JIS Z8741
Clark Stiffness (MD)	34 cm ³ /100	JIS P8143
Clark Stiffness (CD)	19 cm ³ /100	

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP UV ink

Characteristic	Test Method
Inking Performance	Density
Black	1.37
Cyan	1.20
Magenta	1.00
Yellow	1.07
Ink Absorption	300%
Gloss (60°)	Absorption limit*
Black	1%
Cyan	1%
Magenta	1%
Yellow	2%
Drying Speed	5 min

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

*Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	95 g/m ²
Thickness	280 μm (5 mil)
Supply	36" (914mm) x 65.5 ft. (20m) 50" (1270mm) x 65.5 ft. (20m)

2. Compatible models

- ENCAD NovaJet PRO, PROe (GA ink, GS ink, GO ink)
- HP DesignJet 750C (dye ink)
- HP DesignJet 2000/2500, 3000/3500 CP (dye ink, UV ink)
- EPSON PM9000C (dye ink)
- CANON BJJ7000 (dye ink)
- ROLAND Hi-FiJet (pigment ink), CammJet (pigment ink)
- MIMAKI JV2-130 (pigment ink), JV-1300 (pigment ink)
- MUTOH Falcom, RJ-1300, 1800 (pigment ink)

3. Features

- Designed for indoor and outdoor display use.
 - The water resistibility is enhanced when prints are made with pigment ink.
- Soft, cloth-like material.
- Elastic material.
- Easy to process

OUTDOOR BANNER (FJA)

Characteristics Table

A. Physical Characteristics

Characteristic	Value	Test Method
Weight	192 g/m ²	JIS P8124
Thickness	159 μm	JIS P8118
Density	1.21 g/cm ³	JIS P8118
Bekk Smoothness	front >10000 sec back 12 sec	JIS P8119
Brightness	94.8%	ISO 2470
Opacity	99.7%	JIS P8138
Gloss	79% (75°)	JIS Z8741
Clark Stiffness (MD)	45 cm ³ /100	JIS P8143
Clark Stiffness (CD)	47 cm ³ /100	

B. Printing Characteristics

PRINTER: HP DesignJet 2500CP UV ink

Characteristic	Value	Test Method
Inking Performance	Density	GretagMacbeth SpectroEye
Black	1.47	
Cyan	1.20	
Magenta	1.03	
Yellow	1.11	
Ink Absorption	400%	Absorption limit*
Gloss (60°)		JIS Z8741
Black	0%	
Cyan	1%	
Magenta	1%	
Yellow	2%	
Drying Speed	15 min	

The above characteristic values are actual measured values, not standard values. Specification sheets have been prepared separately.

* Shows the following ink absorption quantity:

100%: Bk, C, M, Y 200%: R, G, B 300%: C+M+Y 400%: Bk+C+M+Y

1. Product form

Basis weight	160 g/m ²
Thickness	130 μm (4 mil)
Supply	36" (610mm) (98.4 ft.) 50" (1270mm) (98.4 ft.)

2. Compatible models

- ENCAD NovaJet PRO, PROe (GO ink)
- HP DesignJet 2000/2500, 3000/3500 CP (UV ink)
- ROLAND Hi-Fi Jet (Pigment Ink)
- MIMAKI JV2-130 (Pigment Ink)

3. Features

- Designed for external display use.
 - The water resistability is enhanced when prints are made with pigment ink.
- Uses a white PET base with matte finish.
 - Easy to process.
 - Very strong.
- Offers superior ink absorptivity.
 - Allows 400% ink absorption.
 - Allows expanded color gamut.