

Water Based Pigment & Base Catalog



PVC free bases and
AZO free pigments
Color Fastness Chart included



www.matsui-color.com



301 ECO SERIES INKS

The 301 Eco Series Inks include pigments and bases



BASES

Bases can be mixed with Neo Pigments, Glow Color EC Series and any other base to create a unique ink.

Acrylic

High Mesh 301 Bases are recommended for use with up to 305 mesh.

Clear 301C
Mat 301M
White 301W

Hybrid

Easy Print Bases are recommended for use with up to 230 mesh.

Easy Print Clear
Easy Print Mat
Easy Print White
Soft Stretch Clear
Soft Stretch Mat
Soft Stretch White

High Solid Acrylic

Stretch Bases are recommended for use with up to 160 mesh.

Stretch Clear
Stretch Mat
Stretch White
Acrylicon Clear
Acrylicon White
Kombat White



301 ECO

Special Effect BASES

The Special Effect Bases can be mixed with Pigments and Glow Colors. They can also be mixed with the Bases, and with each other.

Flock Adhesive	Adhesive base for direct flocking process.
Foaming Additive	High concentration foam/puff for creating 3D prints.
Foil Adhesive	Adhesive base for flock sheets & foil transfer.
Foil Blocker	Protects undersired areas from foil adhesion.
Glitter Base	Penetrates into fabric leaving glitter flakes exposed.
Gold Shimmer 620	Blended with Neo Pigments to create bright metallic colors.
High Density	Available in clear and white for a raised cube effect.
Navi Powder	Chameleon effect pigments.
Pearl Base	Blended with Neo Pigments to create pearlescent colors.
Reflectalite	Reflective sheets and powders for direct or mixing applications.
Self-Cracking Base/White	Semi-opaque base that creates a crack weathered effect.
Shine Binder	High gloss gel effect.
Silver Shimmer 620	Blended with Neo Pigments to create bright metallic colors.
Under Base Blocker	Base that blocks dye sublimation.

AUXILIARIES

Fixer-L	Eco-friendly low temperature curing fixing agent.
Fixer WF-N	Eco-friendly fixing agent.
Printgen NTF/Dulling Additive	Used to reduce gloss and tack.
Retarder MG	Extends open time & prevents clogging in screens.
RV Additive	Used to reduce viscosity.
Softener MG	Silicone-like softener that helps improve the hand feel of a print & ink release from screen.
Thickener B	Used to raise viscosity.



PIGMENTS (NEO COLOR)

Pigments can be mixed into any base and can also be mixed with glow colors for extra brightness



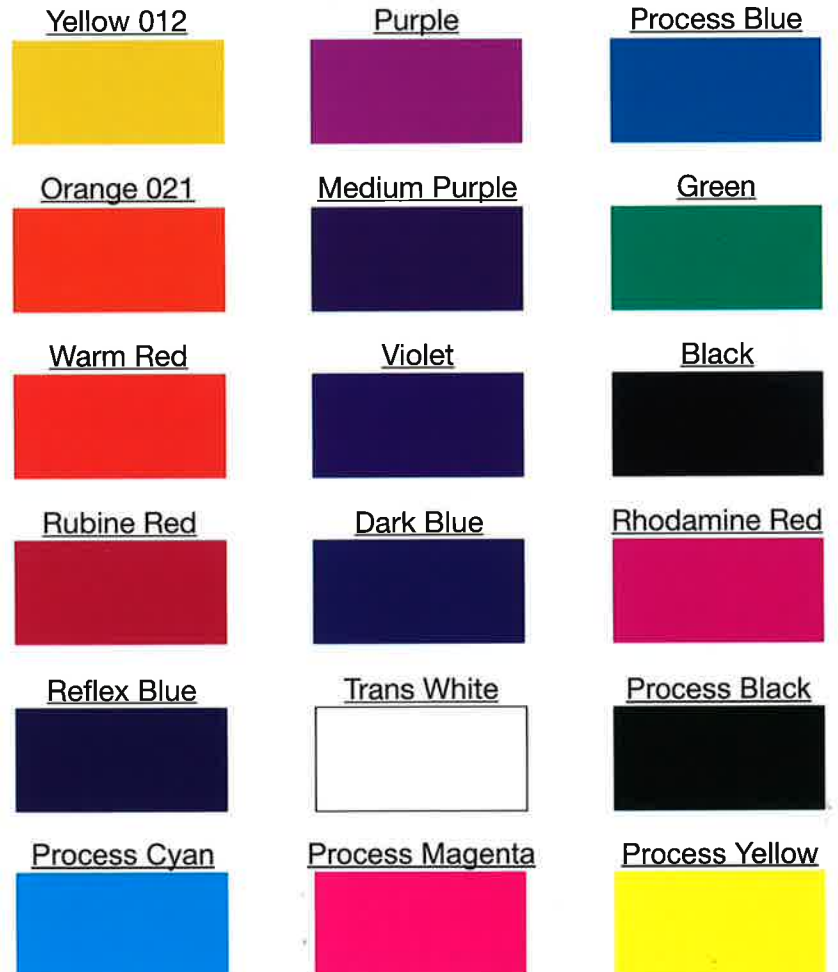
FLUORESCENT PIGMENTS

(GLOW COLORS EC SERIES)



INFINITY COLOR SERIES

(WATER BASE READY COLOR MIXING SYSTEM)



Fastness Properties of 301 Neo Pigments

Fastness	Light Resistance		Water Resistance	Dry Clean Inability 0.5%		Heat Resistance		D.S. Conc. Resistance
	5%	1%		Mineral Spirit	P.C.E	5%	1%	
Identity	5%	1%				5%	1%	
Neo Yellow M3G	7	6	5	5	4	5	5	4-5
Neo Gold Yellow MFR	8	7	5	5	5	5	5	4-5
Neo Orange MGD	4-5	3-4	5	5	4-5	5	5	4
Neo Red MGD	6-7	5	5	5	4-5	5	4-5	2-3
Neo Red MFB	6	4-5	5	5	4-5	5	4-5	3-4
Neo Rose MB	4-5	4	5	5	5	5	4-5	3-4
Neo Pink MB	8	7-8	5	5	5	5	5	5
Neo Violet MFB	8	7-8	5	5	5	5	5	4-5
Neo Navy Blue MB	8	8	5	5	5	5	4-5	5
Neo Blue MB	8	7-8	5	5	4-5	5	5	5
Neo Blue MG	8	7-8	5	5	5	5	5	5
Neo Green MB	8	7	5	5	5	5	5	2B
Neo Black MK	8	8	5	5	5	5	5	5

Test Method

Light Resistance : Fade-o-Mater 20 hrs. (JIS L-0842)

8 (Excellent) > 1 (Weak)

Water Resistance : 40° C, 4 hrs. (JIS L-0846)

5 (Excellent) > 1 (Weak)

Dry Clean Inability : Mineral Spirit & P.C.E. (JIS L-0861)

5 (Excellent) > 1 (Weak)

Heat Resistance: 180° C x 30 sec. (JIS L-0850)

5 (Excellent) > 1 (Weak)

Chemical Resistance : D.S. Conc. baking at 140° C x 5 min.

5 (Excellent) > 1 (Weak)



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