



Radiant Inks™ RP Series

Phthalate-Free Plastisols

Radiant Inks™ introduces its phthalate-free plastisol inks, the RP Series. They have been specifically formulated to print and cure just like standard plastisols, giving you their ease of use, while also meeting ecological criteria. Recommended garments for RP Series are 100% cottons, and cotton blends.

*** Non-Contamination:** RP Series should not be modified or come in contact with any Phthalate containing ink or chemical. Use only recommended additives in order to prevent any cross contamination. All equipment which comes in contact with the RP Series (like mixing apparatus, squeegees, buckets, flood bars, screens, etc.) must be cleaned properly (free of inks or materials which may contaminate the RP Series) before every use.

FEATURES

- Phthalate Free!
- Ready to print
- Excellent opacity
- Bright colors
- Very soft hand
- Matte finish
- Excellent elongation
- Excellent fastnesses
- Very low wet ink tack

PRINTER'S GUIDE

Bleed Resistance	Excellent
Stencil Type	Most direct emulsion stencils are suitable.
Mesh	43-90 T (110-230 t/in)
Viscosity Reducer	RP1814 Viscosity Reducer / Up to 5% by weight
Matting Agent	RP1812 Matting Agent / Up to 15% by weight
Catalyst	RP1810 Catalyst / Up to 1% by weight may be added to improve the adhesion of the ink to the fabric. The catalyzed ink has a shelf life of 6 hours.
Curing Information	150-170°C (302-338°F) / 90-120 seconds However, factors such as ink film thickness, curing equipment and fabric may influence the optimum cure time.
Storage	18-32°C (64-90°F). Avoid direct sun.
Cleanup	Mineral spirits and some other non-hazardous screen washes.

Whites	
RP1012	Poly White
RP1014	Transfer White
RP1016	Radiant Flash
RP1020	Radiant White
RP1024	GNR White
Colors	
RP1230	Yellow
RP1234	Golden Yellow
RP1238	Orange
RP1240	Red
RP1242	Cardinal
RP1244	Carmine
RP1250	Fuchsia
RP1254	Violet
RP1260	Light Blue
RP1262	Blue
RP1264	Ultramarine Blue
RP1268	Navy Blue

RP1270	Turquoise
RP1274	Green
RP1280	Black
Fluorescent Colors	
RP1410	Fluorescent Yellow
RP1412	Fluorescent Pink
RP1414	Fluorescent Green
RP1416	Fluorescent Magenta
RP1418	Fluorescent Orange
RP1420	Fluorescent Red
Process Colors	
RP1450	Process Cyan
RP1452	Process Magenta
RP1454	Process Yellow
RP1456	Process Black
RP1458	Process Extender Base
Specialty Inks	
RP1610	Radiant Clear
RP1612	Elastic Base

RP1614	Foil Base
RP1616	Glitter Base
RP1618	Flock Base
RP1620	3D Base
RP1630	Puff Base
RP1650	Peak Base
RP1660	Barrier Base
RP1662	Embossing Press Base
RP1670	Radiant Silver
RP1672	Radiant Gold
RP1676	Pearl Base
RP1690	Glow-In-The-Dark
Additives	
RP1810	Catalyst
RP1812	Matting Agent
RP1814	Viscosity Reducer

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