

MC Four Color Process Plastisol Ink Series

Four Color Process Printing

MC Four Color Process plastisols are transparent, intense primary colors designed specifically for four color process printing onto white 100% cotton fabrics. The yellow, magenta, and cyan have been enhanced to achieve maximum color range, which decreases the need for spot colors. MC is available in standard and triple strength.

Description

Print MC Four Color plastisol straight from the container. Order standard strength when printing through 305 mesh screen and triple strength when printing through a 355 mesh screen.

Application

100% cotton white fabrics

Substrate

305-355 m.c./in. (120-140 m.c./cm.)

Screen Mesh

Direct, indirect, capillary film

Stencil

MC-0125 extender base

Modification

Mineral spirits, Varsol or some non-hazardous screen washes

Wash Up

320°F / 160°C

Fusion

See below.

MSDS

Plastisols are thermoplastic, requiring heat for fusion. Test print an area of the fabric for crock fastness. If the color rubs off on a white cloth, adjust oven temperatures and/or dwell time until the cloth wipes clean. Stir plastisol prior to printing. Do not dry clean. Do not use bleach. See technical data sheet for more complete information.

Special Notes

Tristimulus Values for Photoshop (D65/2 degree) Mesh 305 m.c./inch (140 m.c./centimeter). Choose File > Color Setting > Printing Inks Setup. For ink colors, choose Custom.

Photoshop Values

Color	Triple Strength MC			Standard Strength MC		
	Y	X	Y	Y	X	Y
C	16.03	.1680	.1869	27.93	.1811	.2186
M	18.46	.4406	.2402	27.58	.3759	.2169
Y	74.36	.4175	.4905	75.59	.4130	.4923
MY	23.30	.5356	.3511	31.43	.5035	.3708
CY	15.82	.2428	.4916	28.05	.2740	.5118
CM	5.62	.2528	.1769	11.86	.2355	.1642
CMY	9.39	.3680	.3716	16.73	.3654	.4000
W	89.78	.3150	.3323	89.78	.3150	.3323
K	6.55	.3147	.3196	6.55	.3147	.3196