



TECHNICAL GUIDE FOR THE MULTI-TECH COLOR-MATCH SYSTEM

SECTION I: General Information

- Multi-Tech Color-Match inks are a plastisol ink mixing system designed to simulate the 14 Pantone® standard base Matching System Colors used in the Pantone® Color Formula Guide.
- Color-Match is created especially for wet-on-wet printing on a variety of textile products with a “soft-hand” feel. Multi-Tech’s Color-Match inks contain no water and can be used with any stencil system.
- The entire Color-Match system uses finished, **Ready-for-Use (RFU)** or **Low-Bleed (LB)** inks.
- This system does not require bases, clears or pigments to help eliminate confusion, costly mistakes and chances of “unbalanced” colors.
- There are eleven basic colors, including black and white, in the Color-Match System. The inks come in quarts or gallons.
- Before you begin, you will need a Pantone® Color Formula Guide, a gram scale accurate to one tenth (0.1) of a gram, mixing containers and stirring utensils.

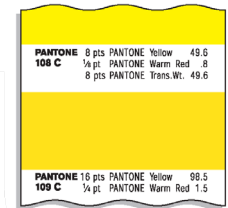
Stock #	DI CM RFU
112-112	DI-112 RFU Yellow
123-123	DI-123 RFU Yellow 012
124-124	DI-124 RFU Orange 021
113-113	DI-113 RFU Warm Red
125-125	DI-125 RFU Red 032
114-114	DI-114 RFU Rubine Red
115-115	DI-115 RFU Rhodamine Red
116-116	DI-116 RFU Purple
117-117	DI-117 RFU Violet
126-126	DI-126 RFU Blue 072
118-118	DI-118 RFU Reflex Blue
119-119	DI-119 RFU Process Blue
120-120	DI-120 RFU Green
121-121	DI-121 RFU Transparent White
122-122	DI-122 RFU Black

Stock #	DI CM LB
112-1120	DI-112 LB Yellow
123-1230	DI-123 LB Yellow 012
124-1240	DI-124 LB Orange 021
113-1130	DI-113 LB Warm Red
125-1250	DI-125 LB Red 032
114-1140	DI-114 LB Rubine Red
115-1150	DI-115 LB Rhodamine Red
116-1160	DI-116 LB Purple
117-1170	DI-117 LB Violet
126-1260	DI-126 LB Blue 072
118-1180	DI-118 LB Reflex Blue
119-1190	DI-119 LB Process Blue
120-1200	DI-120 LB Green
121-1210	DI-121 LB Transparent White
122-1220	DI-122 LB Black

Multi-Tech[®] Ink

SECTION II: *Becoming Familiar With Your Pantone[®] Color Formula Color Guide*

- Each color on the Pantone[®] Color Formula Guide requires two (2) or more colors to achieve the final result.
- On the right-hand side of the color blocks, the numbers will represent the amount of grams needed to create each color. Each formula will total 100 grams or approximately six (6) ounces.



SECTION III: *Create Your Own Colors*

- You may use the formulas as they exist in the Pantone[®] Color Formula Guide or experiment by creating your own colors.
- As mentioned in Section II, on the right-hand side of each color block, you will find the number of grams needed for each formula.
- Multi-Tech's Color-Match plastisol ink averages ten (10) pounds per gallon container.
- In order to produce the desired color in larger volume, multiply the Pantone[®] specific grams in the following manner:

1 Quart	Multiply Each Ingredient by	11
½ Gallon	Multiply By	22
¾ Gallon	Multiply By	26
1 Gallon	Multiply By	35
5 Gallon	Multiply By	224

- These multipliers will total in grams. To convert from grams to pounds, divide your total grams by 454. Note: 454 grams = One (1) pound.

SECTION IV: *Important Tips*

- Do not store inks in paper containers or anything that absorbs moisture because the container will extract the plasticizers from the ink and will change the delicate balance of ingredients.
- Do not leave wooden stir-sticks in the ink. These can also absorb plasticizer and affect the balance of ingredients.
- Be sure to cover all containers to avoid contamination by dust, dirt, etc.
- Be sure to keep accurate records.
- If using any additives, do not rely on your memory - write it down.

If you need any further assistance, contact us at 314.382.9881

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Price, Design & Technical Specifications Subject to Change Without Notice



MADE in USA