

COLOR  
SOLUTIONS

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Environmentally  
Ecological  
Smart way

 **CHROMATOL**  
ACTION FOR THE EARTH



**COLORSOL<sup>®</sup>**  
**MF**

***Outstanding performing for  
sportswear color solutions***

Excellent consistent leveling and reproducibility  
high color fastness, multiple oxidative-bleach  
wash and post-mercerizing

## Colorsol MF — High reproducibility and high color fastness

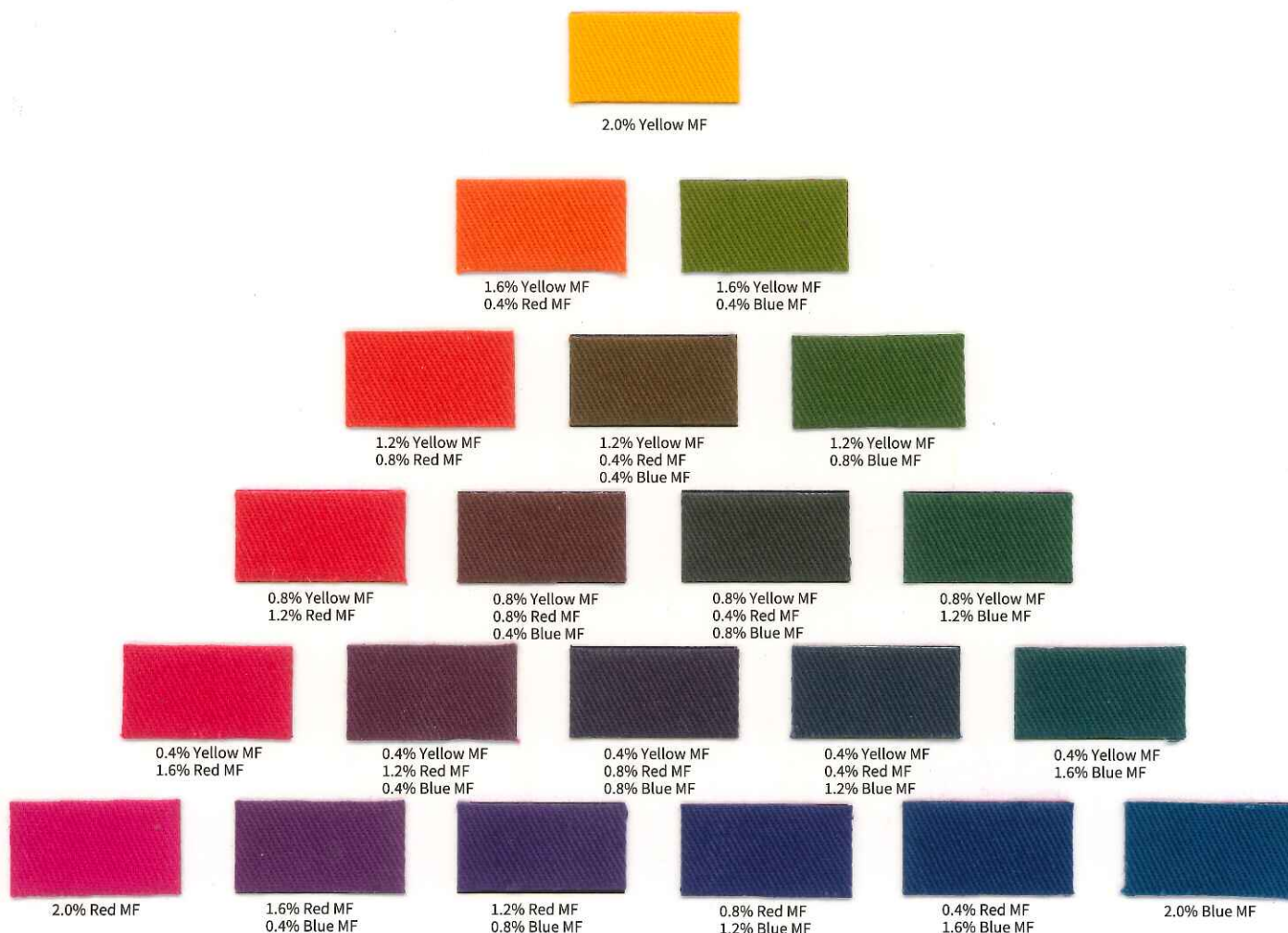
Colorsol MF dye is a newly designed series of dyes, and Colorsol MF exhausting dyeing has the best productivity and economic benefits.

Colorsol MF dye is suitable for all kinds of cellulosic fabrics, provide excellent consistent leveling and reproducibility, has excellent color fastness. Especially for multiple oxidative-bleach wash and post-mercerizing.

### Dyeing efficiency and enterprise benefits are immediately improved

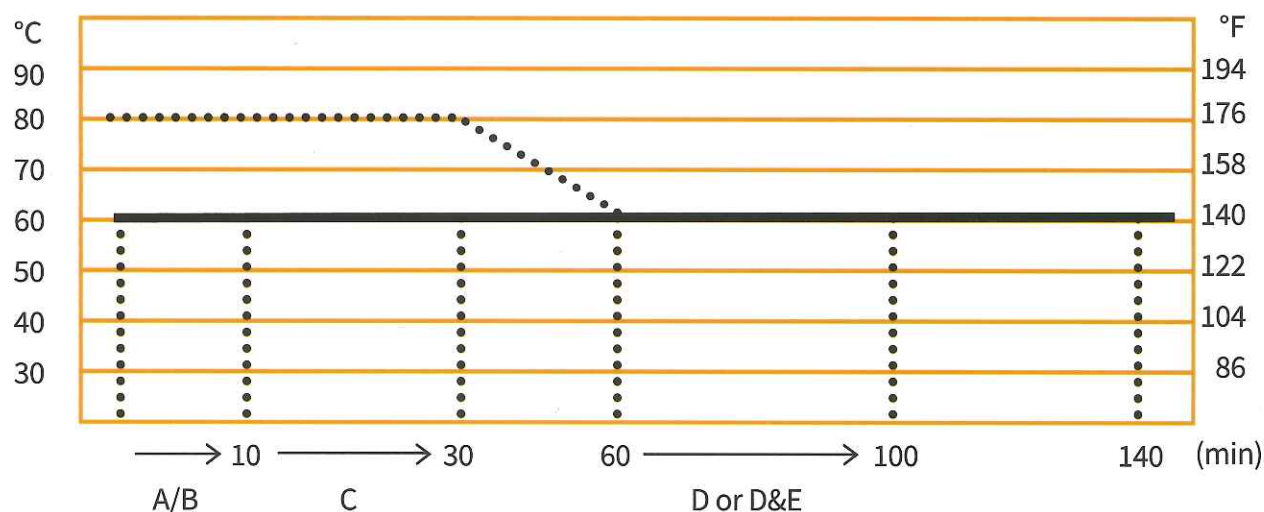
The use of Colorsol MF dye can make the redyeing drop down by 5% or more, and the dyeing capacity can be increased by 20%. This means that the profit of the company, which was 5%, can be increased to 25% now .

Based on excellent leveling and reproducibility , Colorsol MF imparts excellent lab to bulk and batch to batch dyeing , while also achieving a high rate of high-quality products.



## Colorsol MF — High reproducibility and high color fastness

### Dyeing Process



→ dispensed or in portions

A CHRO auxiliaries

B Salt

C Dyes

D Soda ash

E NaOH diluted

Liquor ratio  $\geq 8:1$

| Dye      | %   | < 0.5 | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | $\geq 5.0$ |
|----------|-----|-------|-----|-----|-----|-----|-----|------------|
| Salt     | g/l | 30    | 40  | 50  | 60  | 80  | 90  | 100        |
| Soda ash | g/l | 8     | 10  | 12  | 14  | 16  | 18  | 18         |

Liquor ratio < 8:1

| Dye      | %   | < 0.5 | 0.5 | 1.0 | 2.0 | 3.0 | 4.0 | $\geq 5.0$ |
|----------|-----|-------|-----|-----|-----|-----|-----|------------|
| Salt     | g/l | 20    | 30  | 40  | 50  | 60  | 70  | 80         |
| Soda ash | g/l | 10    | 12  | 14  | 16  | 18  | 20  | 20         |

Reduce the amount of salt by 20-30% on mercerized cotton.

### Washing off

Rinse 50°C \*10min → Neutralize 50°C \*10min with 0.2-0.5ml/L Acetic acid pH 5.5-6.0

→ \* Soaping 95°C \*10min with 1-2g/L CHRO Wash MPB → Rinse 50°C \*10min

→ Rinse cold 10min → Soften as usual or aftertreatment

\*An additional soaping is recommended for very deep shades.

#### Disclaim:

The data listed in the color card is carefully tested by the company's laboratory and is for reference only! Our company does not assume any risks arising from this. Due to the different process conditions, dyeing substrates, water, chemicals and other factors used in each factory, the indicators will be different, please test the factory before deciding to use large-scale production. Due to different conditions in dyeing process, such as dyeing substrates, water, chemicals, and other factors, there may be differences in various indicators, please conduct experiments before deciding on large-scale production use in the factory.



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