



by  **Softer Color**

catalogue

SOFTACTIVE
ME DYES

SOFTER COLOR SRL

Via Golfarelli, 88/D
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www.softercolor.it

DYES for TEXTILE

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SOFTACTIVE ME DYES

SOFTACTIVE ME DYES by SOFTER COLOR

Bifunctional reactive dyes highly indicated for economical shades

Softer Color is glad to provide you a wide range of reactive colors, suitable for both warm-exhaust and cold-pad-batch dyeing. Our product features good build-up behaviour for deep shades, high wash fastness levels and great reproducibility.

Placement

Light shades	Medium shades	Deep shades	Support dyes
YELLOW MERL	YELLOW MERL	YELLOW MERL	YELLOW ME4GL
RED ME4BL	RED ME4BL	RED ME4BL	ORANGE ME2RL
BLUE BRF	NAVY BLUE ME2GL	NAVY BLUE MEBF	SCARLET 2G
			ROUGE MEGF
			RED ME3BL
			RED ME6BL

LEGENDA:

BL = bluer; BR = brighter; DL = duller;
DK = darker; G = greener; R = redder;
Y = yellower; S = suitable; NS = not suitable

DISCHARGEABILITY:

D = dischargeable; F = fair (partial dischargeable); P = poor (non dischargeable)

Responsability

Softer Color declines any responsibility for incorrect or improper use of its dyes. These products are not toxic, but it is very important to respect the safety rules provided by the attached SDS. For any questions, please contact us at +39 0543 724672

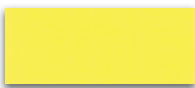





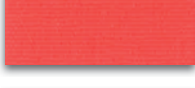

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		Processes				Solubility g/l		Light fastness				Washing	
		Exhaust dyeing	Semicontinuous dyeing	Continuous dyeing	Dischargeability	Water - 30 °C	Salt (90 g/l) - 50 °C	AATCC 16E 1/1	AATCC 16E 1/3	ISO B02 1/1	ISO B02 1/3	C03	
												Change in colour	Stain (cotton)
Yellow Softactive ME4GL													
1%		S	NS	NS	D	120	100	4	3÷4	6	5	4÷5 R	4
4%													
Yellow Softactive MERL													
1%		S	S	NS	P	200	200	4÷5	4	6	5	4÷5 R	4
4%													
Orange Softactive ME2RL													
1%		S	NS	NS	F	60	< 20	3	2÷3	3÷4	3	4÷5	3÷4
4%													
Scarlet Softactive 2G													
1%		S	S	NS	P	200	200	4÷5	4	4	3÷4	4÷5 D	3÷4
4%													

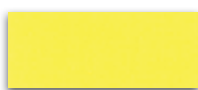







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	Water		Prespiration E04				Rubbing		M&S C10A	Chlorinated water 20 mg/lit	
	E01		Acidic		Alkaline		X12		Change in colour (damage to oxidative bleach)		
	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Dry rubbing	Wet rubbing			
Yellow Softactive ME4GL											
1%											
		4÷5	4÷5	4÷5	4÷5	4÷5 R	4÷5	5	4	4 R	3 R, DL
4%											
Yellow Softactive MERL											
1%											
		4÷5	4÷5	4÷5	4÷5	4÷5 R	4÷5	5	4	4÷5 R	3
4%											
Orange Softactive ME2RL											
1%											
		4÷5	4÷5	4÷5 R	4÷5	4÷5	4÷5	4÷5	4	4÷5	4 R
4%											
Scarlet Softactive 2G											
1%											
		4÷5	4÷5	4÷5 R	4÷5	4÷5 R	4÷5	4÷5	3÷4	4	4
4%											









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		Exhaust dyeing	Semicontinuous dyeing	Continuous dyeing	Dischargeability	Water - 30 °C	Salt (90 g/l) - 50 °C	AATCC 16E 1/1	AATCC 16E 1/3	ISO B02 1/1	ISO B02 1/3	C03	
												Change in colour	Stain (cotton)
Rouge Softactive MEGF													
1%		S	S	NS	F	60	< 20	4	3÷4	4÷5	4	4÷5	4
4%													
Red Softactive ME3BL													
1%		S	S	NS	P	60	< 20	4	3÷4	4÷5	4	4÷5	4÷5
4%													
Red Softactive ME6BL													
1%		S	S	NS	P	200	200	4	3÷4	4÷5	4	4÷5	4÷5
4%													
Red Softactive ME4BL													
1%		S	NS	NS	P	40	< 20	3÷4	3	4÷5	4	4÷5 BL	4
4%													









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	Water		Prespiration E04				Rubbing		M&S C10A	Chlorinated water 20 mg/lit	
	E01		Acidic		Alkaline		X12		Change in colour (damage to oxidative bleach)		
	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Dry rubbing	Wet rubbing			
Rouge Softactive MEGF											
1%		4÷5	4	4÷5 BR	4	4÷5	4	4÷5	3÷4	4	3
4%											
Red Softactive ME3BL											
1%		4÷5	4	4÷5	4÷5	4÷5 BL	4	4÷5	3	4÷5 DL	3
4%											
Red Softactive ME6BL											
1%		4÷5	4	4÷5 BR	4	4÷5	4	4÷5	3÷4	4÷5	3÷4
4%											
Red Softactive ME4BL											
1%		4÷5	4	4÷5	4	4÷5	4	4÷5	3÷4	4 BL	4
4%											









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												Change in colour	Stain (cotton)
Blue Softactive BRF													
1%		S	NS	NS	F	40	< 20	4÷5	4÷5	6	5÷6	4÷5	4
4%													
Blue Softactive ME2RL													
1%		S	NS	NS	P	100	60	3	2÷3	3	2÷3	4÷5 G	4÷5
4%													
Navy Blue Softactive ME2GL													
1%		S	NS	NS	F	60	< 20	3÷4	3	4	3÷4	4÷5	4
4%													
Navy Blue Softactive MEBF													
1%		S	NS	NS	P	40	< 20	3÷4	3	4	3÷4	4÷5	4
4%													









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	Water		Prepiration E04				Rubbing		M&S C10A	Chlorinated water 20 mg/lit	
	E01		Acidic		Alkaline		X12				
	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Dry rubbing	Wet rubbing	Change in colour (damage to oxidative bleach)		
Blue Softactive BRF											
1%											
		4÷5	4÷5	4÷5	4÷5	4÷5	4	5	3÷4	4 DL	3
4%											
Blue Softactive ME2RL											
1%											
		4÷5	4÷5	4÷5 G	4÷5	4÷5 G	4÷5	5	3÷4	3÷4	2÷3 R, DL
4%											
Navy Blue Softactive ME2GL											
1%											
		4÷5	4÷5	4÷5	4÷5	4÷5	4÷5	5	3	4÷5	3 G
4%											
Navy Blue Softactive MEBF											
1%											
		4÷5	4÷5	4÷5	4÷5	4÷5	4÷5	5	3÷4	4 DL	3 G
4%											

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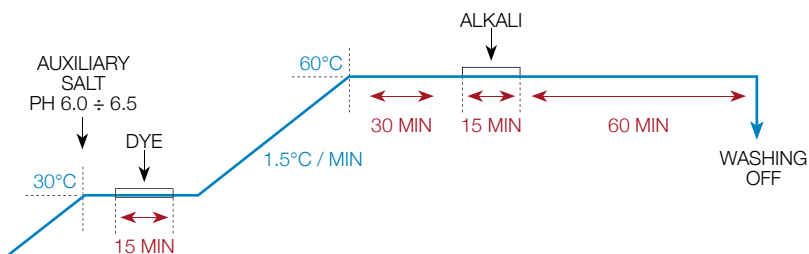
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INSTRUCTION FOR DYEING USING SOFTACTIVE ME DYES

Exhaust dyeing



• Single alkali method

Salt and alkali requirements

% Dye	Common salt g/l *	Soda Ash g/l
< 0.1	20	5
0.1 ÷ 0.5	20 ÷ 25	5 ÷ 7
0.5 ÷ 1.0	25 ÷ 40	7 ÷ 10
1.0 ÷ 2.0	40 ÷ 50	10 ÷ 13
2.0 ÷ 3.0	50 ÷ 60	13 ÷ 15
3.0 ÷ 5.0	60 ÷ 80	15 ÷ 20
5.0 ÷ 7.0	80 ÷ 90	20
> 7.0	100	20

• Mixed alkali method

Salt and alkali requirements

% Dye	Common salt g/l *	Soda Ash g/l	Caustic flakes g/l
< 0.1	20	5	0
0.1 ÷ 0.5	20 ÷ 25	5	0.3 ÷ 0.38
0.5 ÷ 1.0	25 ÷ 40	5	0.38 ÷ 0.45
1.0 ÷ 2.0	40 ÷ 50	5	0.45 ÷ 0.6
2.0 ÷ 3.0	50 ÷ 60	5	0.6 ÷ 0.75
3.0 ÷ 5.0	60 ÷ 80	5	0.75 ÷ 1.0
5.0 ÷ 7.0	80 ÷ 90	5	1.0
> 7.0	100	5	1.0

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