



DYES
for
TEXTILE

by  **Softer Color**

catalogue

SOFTACTIVE
HE DYES

SOFTER COLOR SRL

Via Golfarelli, 88/D
47122 Forlì - Italia
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www.softercolor.it

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SOFTACTIVE HE DYES

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Highly indicated for low-cost high temperature dyeing, hot exhaust suitable

Softer Color is glad to provide you a wide range of reactive hot exhaust colors for economical dyeing cotton and viscose.

Our product features good build-up behaviour for deep shades, high wash fastness levels and great reproducibility.

Placement

Light shades	Medium/Deep shades	Support dyes
YELLOW HE4R	YELLOW HE4R	YELLOW HE6C
RED HEB	RED HE7B	YELLOW HE4G
BLUE HERD	NAVY BLUE HER	ORANGE HER
		TURQUOISE BLUE HEA
		BLUE HEGN

Difficult substrates: Viscose, Mercerized cotton, Post Mercerization.

LEGENDA:

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

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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	Exhaust dyeing	Solubility g/l		Light fastness				Washing		Water		
		Water - 30°C	Salt (90 g/l) - 50°C	AATCC 16E 1/1	AATCC 16E 1/3	ISO 602 1/1	ISO 602 1/3	C03		E01		
								Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	
Yellow Softactive HE6G												
1%		S	100	< 20	5	4÷5	6÷7	6	4÷5 R	4	4÷5	3÷4
4%												
Yellow Softactive HE4G												
1%		S	15	< 10	4÷5	4	6	5	4÷5 R	4÷5	4÷5	4÷5
4%												
Yellow Softactive HE4R												
1%		S	80	< 20	4÷5	4	6	5	4÷5	4	4÷5	4
4%												
Orange Softactive HER												
1%		S	30	< 10	3÷4	3÷4	3÷4	3	4÷5	4	4÷5	4
4%												
Red HEB												
1%		S	200	40	4÷5	4	5	4	4÷5	4	4÷5	4÷5
4%												

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	Prespiration E4				Rubbing		Rubbing Change in colour (damage to oxidative bleach)	Chlorinated water 20 mg/l	Mercerizing		
	Acidic		Alkaline		X12				X04		
	Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Dyeing rubbing	Wet rubbing			Change in colour	Stain (cotton)	
Yellow Softactive HE6G											
1%											
		4÷5	3÷4	4÷5	3÷4	5	4	4 R	3÷4	4÷5 DK	4
4%											
Yellow Softactive HE4G											
1%											
		4÷5	4÷5	4÷5 R	4÷5	5	4	4 R	2÷3	4÷5 DK	4÷5
4%											
Yellow Softactive HE4R											
1%											
		4÷5	4	4÷5	4	4÷5	4	4÷5	3	4÷5 DK	4÷5
4%											
Orange Softactive HER											
1%											
		4÷5	4	4÷5	4	4÷5	4	4	4 R	4÷5 DK	4
4%											
Red HEB											
1%											
		4÷5	4÷5	4÷5 BL	4÷5	4÷5	3÷4	4÷5	3÷4 DL	4÷5 DK	4
4%											

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	Exhaust dyeing	Solubility g/l		Light fastness				Washing		Water		
		Water - 30°C	Salt (90 g/l) - 50°C	AATCC 16E 1/1	AATCC 16E 1/3	ISO 602 1/1	ISO 602 1/3	C03		E01		
								Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	
Red HE7B												
1%		S	200	125	4	3÷4	4	3÷4	4÷5	4	4÷5	4
4%												
Turquoise Blue HEA												
1%		S	100	< 20	5	4÷5	5÷6	5	4	3	4÷5	4
4%												
Blue HEGN												
1%		S	60	< 20	5	4÷5	6÷7	6	4÷5	4	4÷5	3÷4
4%												
Blue HERD												
1%		S	150	< 20	4	4	5	4÷5	4÷5	4	4÷5	4÷5
4%												
Navy blue HER												
1%		S	200	< 20	3÷4	3÷4	4	3÷4	4÷5	4	4÷5	4÷5
4%												

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		Prespiration E4				Rubbing		Rubbing	Chlorinated water 20 mg/l	Mercerizing	
		Acidic		Alkaline		X12				X04	
		Change in colour	Stain (cotton)	Change in colour	Stain (cotton)	Dyeing rubbing	Wet rubbing			Change in colour	Stain (cotton)
Red HE7B											
1%		4÷5	4÷5	4÷5 BL	4÷5	4÷5	3÷4	4	3÷4 BL	4÷5 DK	4
4%											
Turquoise Blue HEA											
1%		4÷5	3÷4	4÷5	3÷4	4÷5	3	4	3÷4 G, Y	4÷5 DK	3÷4
4%											
Blue HEGN											
1%		4÷5 G	4	4÷5	4	4÷5	3	4	2÷3 G, DL	4÷5 DK	4
4%											
Blue HERD											
1%		4÷5	4÷5	4÷5	4÷5	5	3÷4	3÷4	2÷3 DL	4÷5 DK	4÷5
4%											
Navy blue HER											
1%		4÷5	4÷5	4÷5	4÷5	5	3÷4	3÷4	3 G, DL	4÷5 DK	4÷5
4%											

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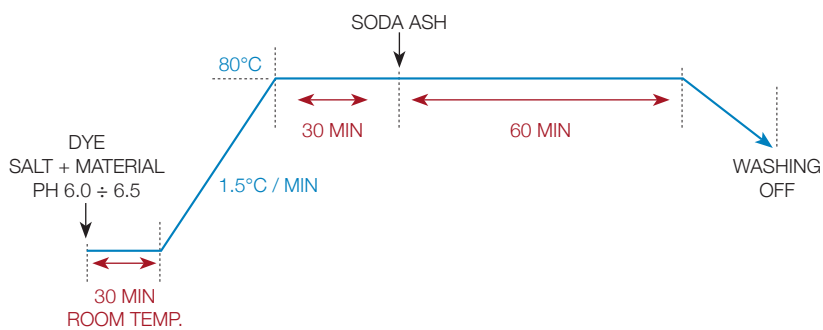
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SOFTACTIVE HE DYES

INSTRUCTION FOR DYEING USING SOFTACTIVE HE DYES

Exhaust dyeing



Cotton

Salt and alkali requirements

% Dye	Common salt g/l *	Soda Ash g/l
< 0.2	30	10
0.2 ÷ 0.5	30 ÷ 45	10
0.5 ÷ 1.0	45 ÷ 60	15
1.0 ÷ 2.0	60 ÷ 80	15
2.0 ÷ 3.0	80 ÷ 85	20
3.0 ÷ 4.0	85 ÷ 90	20
> 4.0	90	20

* Glauber's salt is recommended with Turquoise Blue

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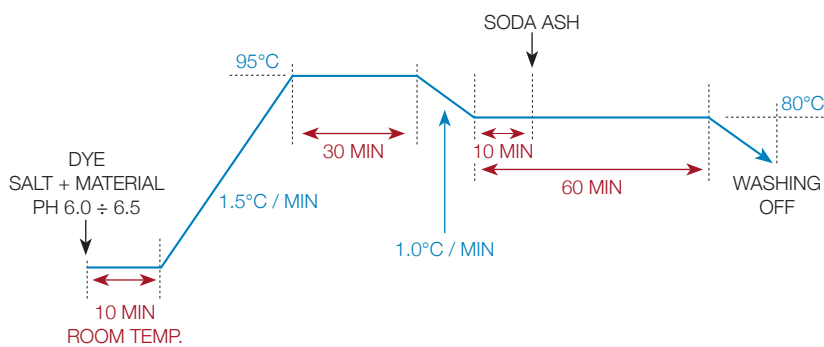
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INSTRUCTION FOR DYEING USING SOFTACTIVE HE DYES

Viscose / Mercerized cotton



Salt and alkali requirements

% Dye	Common salt g/l *	Soda Ash g/l
< 0.2	20	10
0.2 ÷ 0.5	20 ÷ 30	10
0.5 ÷ 1.0	30 ÷ 35	15
1.0 ÷ 2.0	35 ÷ 45	15
2.0 ÷ 3.0	45 ÷ 55	15
3.0 ÷ 4.0	55 ÷ 65	20
> 4.0	70	20

* Glauber's salt is recommended with Turquoise Blue.

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