



DYES
for
TEXTILE

by  **Softer Color**

catalogue

SOFTALUX
direct dyes

SOFTER COLOR SRL

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

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SOFTALUX DYES

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Direct dyes

Softer Color is glad to provide you a wide range of Direct Dyes, soluble in water and with good affinity for all cellulose fibers.

LEGENDA

Light:

1/1 = standard depths.

Water:

*N = change of shade;
WO = staining of wool;
CO = staining of cotton.*

Washing 40°C:

*N = change of shade;
WO = staining of wool;
CO = staining of cotton.*

Perspiration:

*N = change of shade;
WO = staining of wool;
CO = staining of cotton.*

SDC classification:

Each Softalux Dye has been classified by adopted the Society of Dyers and Colorists system.

Responsibility

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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| SOFTALUX direct dyes | Light (Xeno) | Fastness | | | Solubility in g/l 90 °C | SDC classification |
|---|--------------|-------------------|-------------------|-----------------|-------------------------|--------------------|
| | | Water | Washing 40 °C | Perspiration | | |
| | | N | N | N | | |
| | | CO | CO | CO | | |
| | | WO | WO | WO | | |
| Yellow Softalux PG | | | | | | |
|  | 4 | 3 3-4 4 | 3-4 3-4 4-5 | 4-5 4-5 5 | 50 | B |
| Yellow Softalux R | | | | | | |
|  | 5 | 3 2-3 3-4 | 3 2-3 3-4 | 4 2-3 4 | 70 | A |
| Yellow Softalux RL | | | | | | |
|  | 4-5 | 3-4 3-4 4-5 | 4 3 4 | 4-5 3 4 | 100 | B |
| Orange Softalux 7GL | | | | | | |
|  | 6-7 | 3-4 3-4 3 | 3-4 3 4-5 | 4 3-4 4-5 | 70 | B |
| Orange Softalux 7JL | | | | | | |
|  | 5-6 | 3-4 3 4 | 3 2-3 4-5 | 3-4 3 4 | 70 | B |






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|---|--------------|----------|------------------|--------------|-------------------------|--------------------|
| | | Water | Washing 40 °C | Perspiration | | |
| | | N | N | N | | |
| | | CO | CO | CO | | |
| | | WO | WO | WO | | |
| Orange Softalux 3RL | | | | | | |
|  | 5-6 | 4 | 4 | 4 | 30 | B |
| | | 2-3 | 3 | 3-4 | | |
| | | 4 | 5 | 5 | | |
| Scarlet Softalux 4BS | | | | | | |
|  | 2-3 | 3 | 3-4 | 4 | 35 | C |
| | | 2-3 | 3-4 | 3 | | |
| | | 3-4 | 4 | 3-4 | | |
| Scarlet Softalux BNL | | | | | | |
|  | 4-5 | 4 | 4 | 4 | 80 | B |
| | | 2-3 | 3 | 3 | | |
| | | 3 | 4-5 | 4 | | |
| Red Softalux F3B | | | | | | |
|  | 5 | 4 | 3 | 3 | 30 | B |
| | | 3 | 3 | 3 | | |
| | | 4 | 4-5 | 4-5 | | |
| Red Softalux 8BL | | | | | | |
|  | 4-5 | 2 | 2 | 3 | 60 | A |
| | | 1-2 | 2 | 1-2 | | |
| | | 2-3 | 4-5 | 2-3 | | |






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| | | Water | Washing 40 °C | Perspiration | | |
| | | N | N | N | | |
| | | CO | CO | CO | | |
| | | WO | WO | WO | | |
| Red Softalux BWS | | | | | | |
|  | 4-5 | 4 | 4 | 3-4 | 60 | B |
| | | 2-3 | 2-3 | 3 | | |
| | | 3 | 3 | 3 | | |
| Pink Softalux FR | | | | | | |
|  | 1-2 | 4 | 3-4 | 4 | 100 | B |
| | | 3-4 | 3 | 3 | | |
| | | 3 | 3-4 | 3-4 | | |
| Rubine Softalux BL | | | | | | |
|  | 6 | 4 | 4 | 4 | 60 | B |
| | | 3 | 3-4 | 2-3 | | |
| | | 4-5 | 4 | 3 | | |
| Violet Softalux 4BL | | | | | | |
|  | 6 | 3 | 3 | 2-3 | 40 | C |
| | | 2-3 | 2-3 | 3 | | |
| | | 3-4 | 4 | 4-5 | | |
| Turquoise Softalux GL | | | | | | |
|  | 5-6 | 2-3 | 2-3 | 2-3 | 50 | B |
| | | 4 | 3-4 | 2-3 | | |
| | | 3-4 | 4-5 | 3-4 | | |






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|---|--------------|----------|------------------|--------------|-------------------------|--------------------|
| | | Water | Washing 40 °C | Perspiration | | |
| | | N | N | N | | |
| | | CO | CO | CO | | |
| | | WO | WO | WO | | |
| Turquoise Softalux FBL | | | | | | |
|  | 6 | 2-3 | 4 | 3-4 | 50 | B |
| | | 3 | 4-5 | 2-3 | | |
| | | 3-4 | 4-5 | 3 | | |
| Blue Softalux 2RL | | | | | | |
|  | 5-6 | 4 | 4 | 4 | 70 | B |
| | | 3 | 3 | 4 | | |
| | | 4 | 5 | 4-5 | | |
| Blue Softalux FGL | | | | | | |
|  | 6 | 4-5 | 3 | 3 | 35 | B |
| | | 2 | 2-3 | 1-2 | | |
| | | 3 | 5 | 3 | | |
| Blue Softalux 4GL | | | | | | |
|  | 5 | 4 | 3-4 | 4 | 20 | B |
| | | 2-3 | 2-3 | 2 | | |
| | | 3-4 | 4-5 | 4-5 | | |
| Blue Softalux 4BL | | | | | | |
|  | 5 | 4-5 | 3-4 | 4 | 50 | B |
| | | 3 | 3 | 3 | | |
| | | 3-4 | 4 | 3-4 | | |






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|---|--------------|----------|------------------|--------------|-------------------------|--------------------|
| | | Water | Washing 40 °C | Perspiration | | |
| | | N | N | N | | |
| | | CO | CO | CO | | |
| | | WO | WO | WO | | |
| Blue Softalux BRR | | | | | | |
|  | 5-6 | 3-4 | 2-3 | 3-4 | 30 | B |
| | | 2 | 2-3 | 2 | | |
| | | 3 | 4-5 | 4-5 | | |
| Green Softalux BL | | | | | | |
|  | 5 | 4-5 | 4 | 4-5 | 30 | B |
| | | 2-3 | 3-4 | 2 | | |
| | | 4 | 4-5 | 4-5 | | |
| Brown Softalux 2GL | | | | | | |
|  | 5-6 | 4-5 | 4 | 4-5 | 35 | B |
| | | 2 | 2-3 | 1-2 | | |
| | | 4-5 | 4-5 | 4-5 | | |
| Brown Softalux RL | | | | | | |
|  | 6-7 | 4 | 3-4 | 3 | 35 | B |
| | | 3 | 3 | 3-4 | | |
| | | 4 | 5 | 4 | | |
| Brown Softalux BL | | | | | | |
|  | 5-6 | 4 | 3-4 | 4 | 25 | B |
| | | 3-4 | 2-3 | 3 | | |
| | | 4-5 | 5 | 4-5 | | |





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|---|--------------|----------|------------------|--------------|-------------------------|--------------------|
| | | Water | Washing 40 °C | Perspiration | | |
| | | N | N | N | | |
| | | CO | CO | CO | | |
| | | WO | WO | WO | | |
| Grey Softalux CGL | | | | | | |
|  | 6 | 4-5 | 4 | 4-5 | 35 | B |
| | | 2 | 2-3 | 1-2 | | |
| | | 2 | 4 | 3-4 | | |
| Black Softalux L | | | | | | |
|  | 4 | 3-4 | 3 | 3-4 | 40 | A |
| | | 2 | 2 | 2 | | |
| | | 3 | 4-5 | 3 | | |
| Black Softalux G | | | | | | |
|  | 3 | 4-5 | 4-5 | 4-5 | 40 | B |
| | | 4-5 | 3-4 | 4 | | |
| | | 4-5 | 4-5 | 4 | | |
| Black Softalux VSF | | | | | | |
|  | 3-4 | 4 | 4-5 | 4 | 20 | B |
| | | 4-5 | 1-2 | 4-5 | | |
| | | 4-5 | 4-5 | 4-5 | | |

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Dyeing method

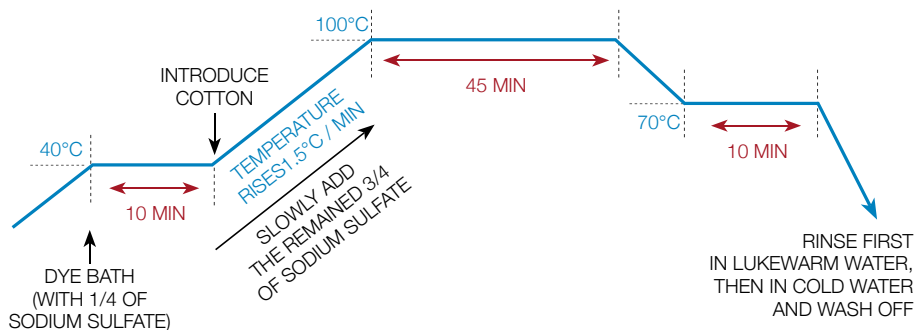
The percentages refer to the weight of the material to be dyed. Cotton must be wetted before being introduced into the dye bath to avoid non-uniform dyeing.

Dyeing bath

The bath ratio indicated is 20:1 (20 liters of bath for 1 kg of cotton).

- **Sodium Sulfate:** 10% for light colours or 20% to 40% for medium to dark colours (put 1/4 at first, add 3/4 during temperature rises to 40°C);
- **Soude Solvey:** 2% (only for black dye);
- **% teinture:** 1% for light /medium colours; 2% for black dye.

Dyeing process



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