StarChemix®
DYES • INTERMEDIATES • SPECIALTY CHEMICALS

Edition 2026



Shade Card

Reactive dyes for cellulosic fibres

89 shades · 8 ranges · 10,000 MT annual capacity

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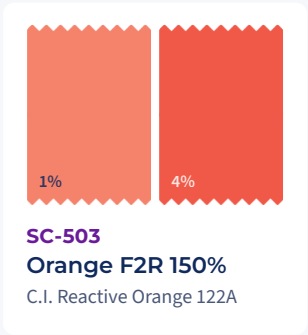
VS Dyes — β-sulfatoethylsulfone	15 shades	09
M Dyes — Dichlorotriazine (cold brand)	8 shades	10

How to read this card



Depths
Each shade is dyed at a light and a deep depth on cotton, shown left to right. Depths vary by range and are printed on every swatch.

Shade code
SC-*rangeshade*. Quote this code when ordering or requesting a lab dip.

C.I. reference
Colour Index generic name, where the dye has one.

Colour accuracy
Printed and on-screen colours are indicative. Match against a physical dyed swatch before bulk production.

Ultra 3D Dyes

Innovative reactive series

Dark & ultra-dark exhaust shades at the lowest recipe cost

Depths on cotton: **4%**



SC-101
Ultra Lemon 3D



SC-102
Ultra Yellow 3D



SC-103
Ultra Sun Yellow 3D



SC-104
Ultra Golden Yellow 3D



SC-105
Ultra Orange 3D



SC-106
Ultra Scarlet 3D



SC-107
Ultra Red 3D



SC-108
Ultra Rubine 3D



SC-109
Ultra Bordeaux 3D



SC-110
Ultra Caramine 3D



SC-111
Ultra Rust Red 3D



SC-112
Ultra Turquoise 3D



SC-113
Ultra Ocean 3D



SC-114
Ultra Royal 3D



SC-115
Ultra Brilliant Blue 3D



SC-116
Ultra Blue 3D



SC-117
Ultra Navy 3D



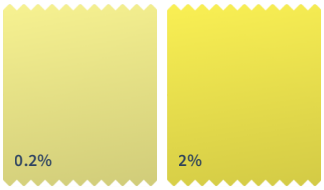
SC-118
Ultra Jet Black 3D

S & W Dyes

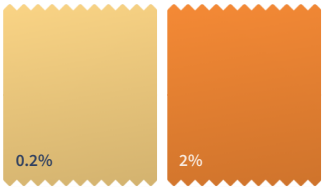
High-tinctorial reactive

100–200% higher strength than conventional ME or VS dyes; economical medium & dark shades

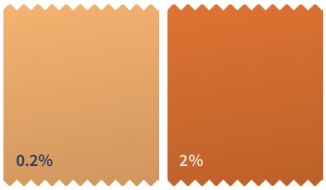
Depths on cotton: **0.2%** · **2%** · blacks & deep navies **4%** · **8%**



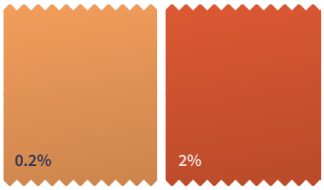
SC-201
Yellow S2G 200%



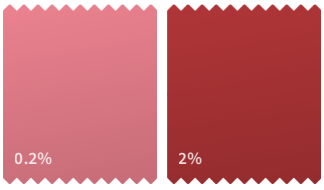
SC-202
Yellow S3R 200%



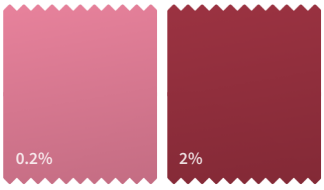
SC-203
G. Yellow SR 200%



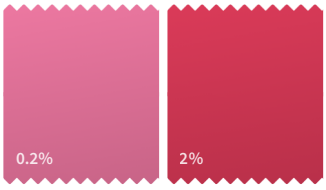
SC-204
Orange W3R 150%



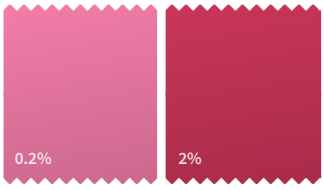
SC-205
Deep Red WB 150%



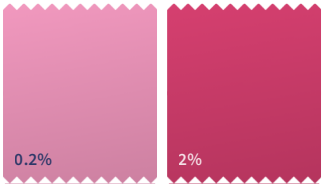
SC-206
Deep Red SB 200%



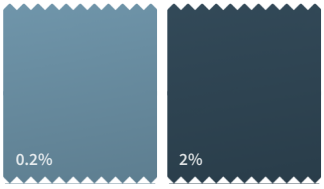
SC-207
Brill. Red S3R 200%



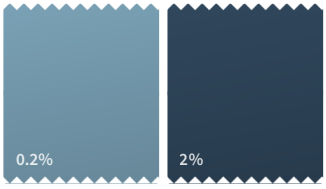
SC-208
Red S2Y 200%



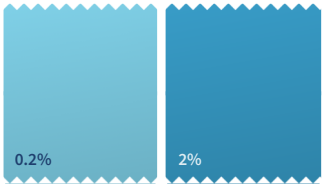
SC-209
Red Win H/C



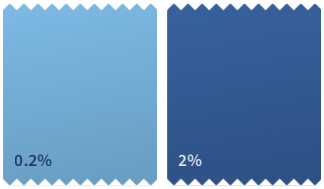
SC-210
Navy SG 200%



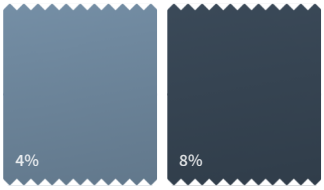
SC-211
Navy Blue SGB 200%



SC-212
T. Blue S2G 200%



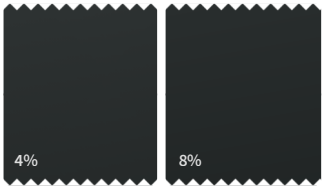
SC-213
Blue SNG 150%



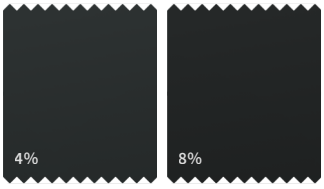
SC-214
Navy SRB 200%



SC-215
Navy WB



SC-216
Black WNN H/C



SC-217
Black G



SC-218
Black R



SC-219
Black CDN



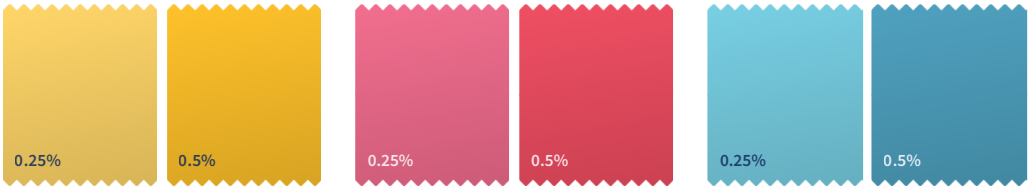
SC-220
Black NX

CN Dyes

Bi-hetero bifunctional

Trichromatic warm-exhaust dyeing with outstanding wash-off

Depths on cotton: **0.25% · 0.5%**



SC-301
Yellow CN2R

SC-302
Red CN2BL

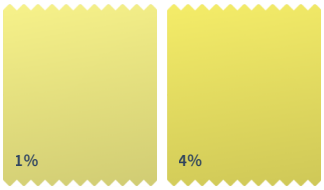
SC-303
Blue CNR

RGB Dyes

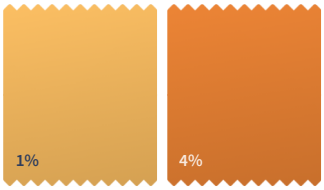
High-performance reactive

On-tone build-up and excellent reproducibility in medium & dark shades

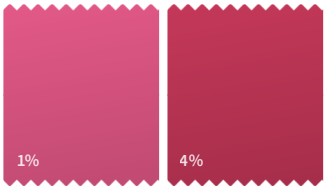
Depths on cotton: **1%** · **4%** · blacks & deep navies **4%** · **8%**



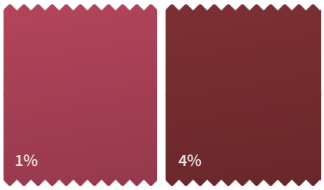
SC-401
Lemon Yellow RGB



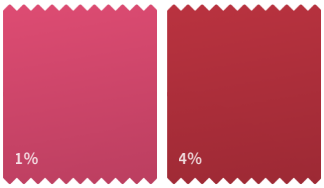
SC-402
G. Yellow RGB



SC-403
Red RGB



SC-404
Deep Red RGB



SC-405
Brill. Red RGB



SC-406
Blue RGB



SC-407
Navy Blue RGB



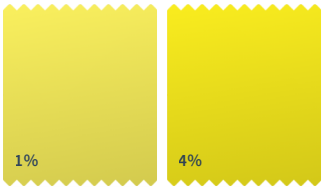
SC-408
Black RGB

F Dyes

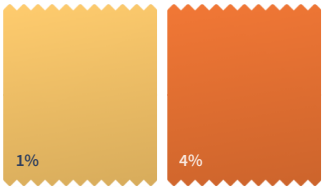
Hetero bifunctional (VS + MCT)

Exhaust dyeing at 60 °C; also pad-batch and printing

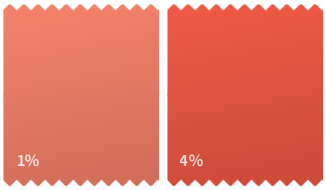
Depths on cotton: **1% · 4%**



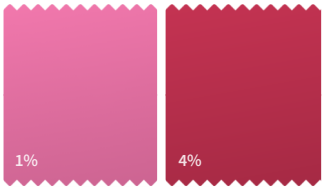
SC-501
Yellow F-4G 150%
C.I. Reactive Yellow 160A



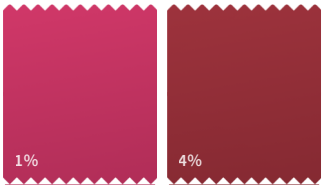
SC-502
Yellow F3R 150%
C.I. Reactive Yellow 145A



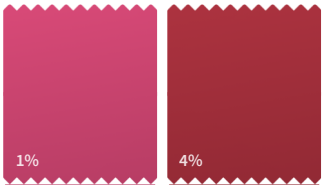
SC-503
Orange F2R 150%
C.I. Reactive Orange 122A



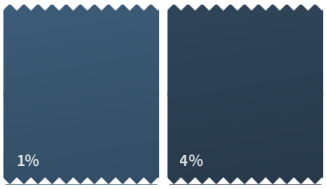
SC-504
Red F3B 150%
C.I. Reactive Red 195A



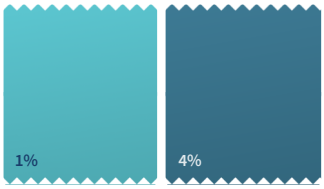
SC-505
Red FRB 150%
C.I. Reactive Red 198A



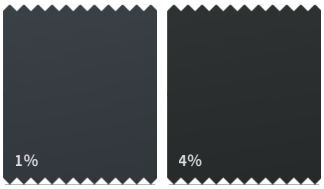
SC-506
Red FBSID
C.I. Reactive Red 111



SC-507
N. Blue FBS
C.I. Reactive Blue 222A



SC-508
Blue HFBR
C.I. Reactive Blue 221



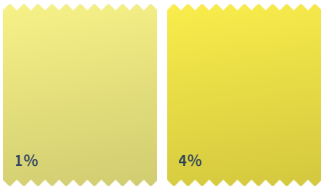
SC-509
Black FGR 150%
C.I. Reactive Black

ME Dyes

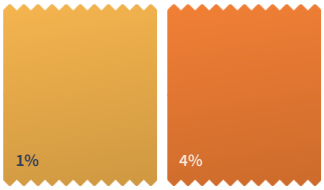
Hetero bifunctional (VS + MCT)

Exhaust dyeing at 60 °C; also pad-batch and printing

Depths on cotton: **1%** · **4%** · blacks & deep navies **4%** · **8%**



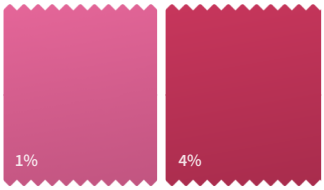
SC-601
Yellow ME4GL
C.I. Reactive Yellow 160A



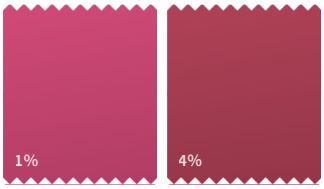
SC-602
G. Yellow MERL Conc.
C.I. Reactive Yellow 145A



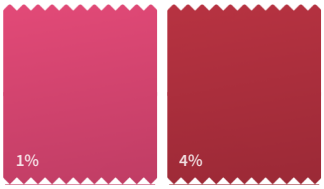
SC-603
Orange ME2RL
C.I. Reactive Orange 122A



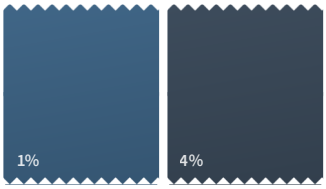
SC-604
Red ME4BL Conc.
C.I. Reactive Red 195A



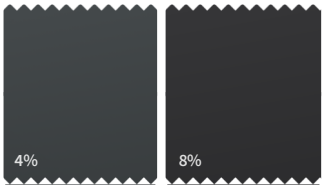
SC-605
Red RB Conc.
C.I. Reactive Red 198A



SC-606
Red BS
C.I. Reactive Red 111



SC-607
N. Blue BFID
C.I. Reactive Blue 222A



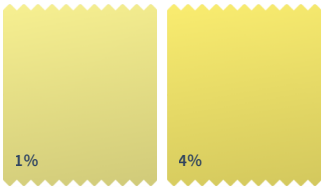
SC-608
Black HFGR
C.I. Reactive Black

VS Dyes

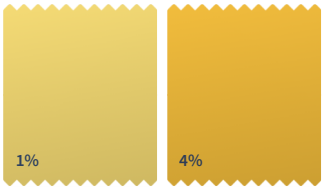
β-sulfatoethylsulfone

Padding and printing; exhaust dyeing after alkali addition

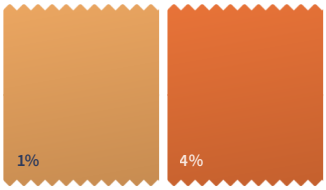
Depths on cotton: **1% · 4%**



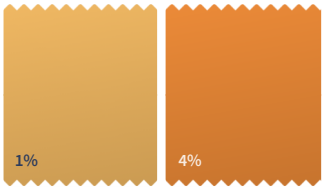
SC-701
Yellow FG
C.I. Reactive Yellow 42



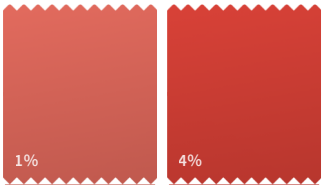
SC-702
Yellow GR
C.I. Reactive Yellow 15



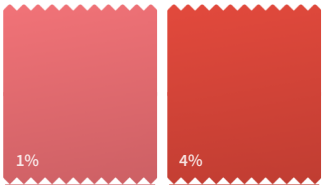
SC-703
Golden Yellow R
C.I. Reactive Yellow 77



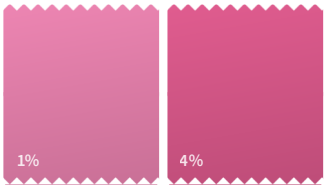
SC-704
G. Yellow RNL
C.I. Reactive Orange 107



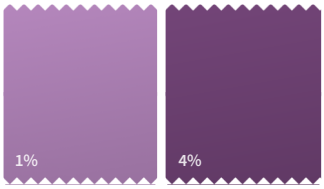
SC-705
Orange 2R
C.I. Reactive Orange



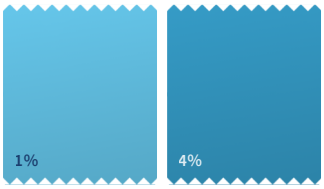
SC-706
Orange 3R
C.I. Reactive Orange 16



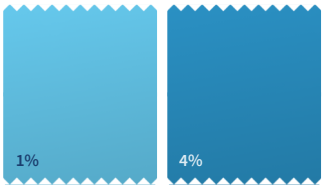
SC-707
Red 5B
C.I. Reactive Red 35



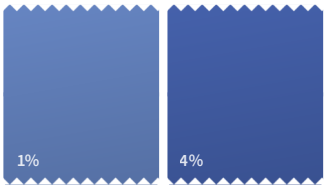
SC-708
Violet 5R
C.I. Reactive Violet 5



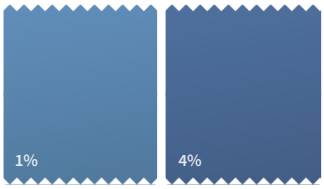
SC-709
T. Blue G
C.I. Reactive Blue 21



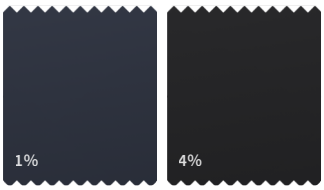
SC-710
T. Blue H2GP
C.I. Reactive Blue 21



SC-711
Blue R
C.I. Reactive Blue 19



SC-712
Blue BBID
C.I. Reactive Blue 220



SC-713
Black B H/C
C.I. Reactive Black 5



SC-714
Black B
C.I. Reactive Black 5



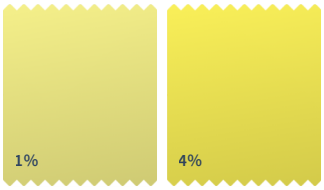
SC-715
Black RL
C.I. Reactive Black 31

M Dyes

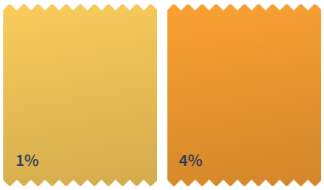
Dichlorotriazine (cold brand)

Highly reactive; applied to cellulose at about 30–40 °C

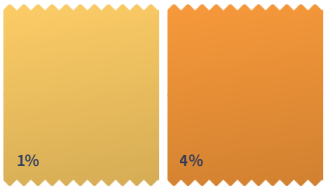
Depths on cotton: **1% · 4%**



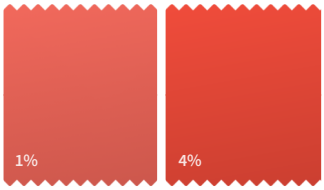
SC-801
Yellow M4G
C.I. Reactive Yellow 22



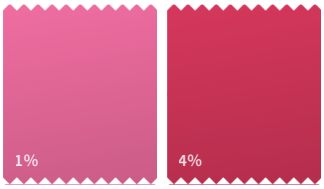
SC-802
Yellow MGR
C.I. Reactive Yellow



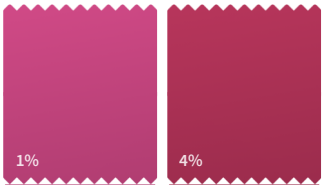
SC-803
Golden Yellow MR
C.I. Reactive Yellow 44



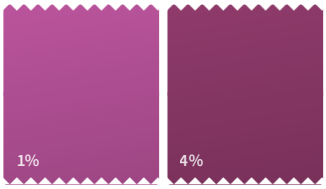
SC-804
Orange M2R
C.I. Reactive Orange 4



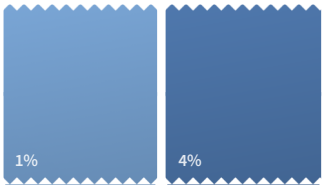
SC-805
Red M5B
C.I. Reactive Red 2



SC-806
Red M8B
C.I. Reactive Red 11



SC-807
Magenta MB
C.I. Reactive Violet 13



SC-808
Blue MR
C.I. Reactive Blue 4

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