



catalogue

TRANSFER DYES FOR DIGITAL PRINT

# **SOFTER COLOR SRL**





## DYES FOR INKS is an international commercial brand by SOFTER COLOR

The approach proposed in this advanced product line is specifically designed to meet the needs of enterprises engaged in the production and marketing of inks. This market is constantly expanding and it needs high quality products and Softer Color can ensure you to always choose the best product.

### PRODUCT PLUS:

- Magnetic screening process High purity level guarantee
- Particle size control
   Low conductivity

# TRANSFER DYES FOR DIGITAL PRINT by SOFTER COLOR

Softer Color provides pure dyestuff in powder from which are classified by their "ease of transfer" into three main groups:

- · A Rapid rate of transfer
- · B Normal rate of transfer
- · C Slow rate of transfer

Rates of transfer are only empirically defined by the above letters.

Generally dyestuffs in the same transfer group will transfer at the same rate from paper onto a flat substrate and to the same depth on a textured or pile fabric.

Some of the dyestuffs are also suitable for transferring into other synthetic materials at the following temperatures:

• Polyanide 6.6: 200 °C for 20 seconds

• Polyanide 6: 190 °C for 20 seconds

• Acrylics: 195 °C for 25 seconds

• Triacetate: 195 °C for 20 seconds

Optimum transfer conditions can vary substantially depending on type of fibre, fabric contruction and transfer machinery. Trials should be carried out in the laboratory before proceeding with commercial runs.

#### LEGENDA:

**Transfer class/group:** A = Rapid rate, B = Normal rate, C = Slow rate.

Light fastness: 1 = very weak, 2 = poor, 3 = mediocre, 4 = quite good, 5 = good,

6 = very good, 7 = excellent, 8 = extraordinary.

**ISO3** wash test, **ISO** alkaline prespiration, rubbing, chlorination: 1 = poor, 2 = mediocre, 3 = good, 4 = very good, 5 = excellent.

#### SOFTER COLOR SRL



ISO ALKALINE

	<b>≗</b>		ISO3 WASH TEST			PRESPIRATION			RUBBING			
TRANSFER DYES FOR DIGITAL PRINT by SOFTER COLOR	TRANSFER CLASS / GROUP	LIGHT FASTNESS (1/1 STANDARD DEPTH)	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	DRY	WET	CHLORINATION (CHANGE OF SHADE)	
Yellow Transfer 54 TPG												
FULL SHADE	В	7	5	5	5	5	5	5	4÷5	4÷5	5	
REDUCTION 1:4												
Yellow Transfer 82 TPG												
FULL Shade	В	3÷4	5	5	4	5	5	4	4÷5	4	4÷5	
REDUCTION 1:4												
Orange Transfer 25 TPG												
FULL SHADE	В	5	4÷5	5	4÷5	5	4÷5	4	5	4÷5	5	
REDUCTION 1:4												

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ISO ALKALINE

	₽	<b>a</b>	ISO3 WASH TEST			PRESPIRATION			RUBBING			
TRANSFER DYES FOR DIGITAL PRINT by SOFTER COLOR	TRANSFER CLASS / GROUP	LIGHT FASTNESS (1/1 STANDARD DEPTH)	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	DRY	WET	CHLORINATION (CHANGE OF SHADE)	
Red Transfer 60 TPG												
FULL SHADE	С	7	5	5	4÷5	5	5	4÷5	5	5	5	
REDUCTION 1:4												
Red Transfer 364 TPG												
FULL SHADE	С	6÷7	5	5	5	4÷5	5	5	5	5	4÷5	
REDUCTION 1:4												
Blue Transfer 14 TPG												
FULL Shade	В	3÷4	5	5	4	5	5	4	4÷5	4	4÷5	
REDUCTION 1:4												

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ISO ALKALINE

	_	٩		ISO3 WASH TEST			PRESPIRATION			RUBBING	
TRANSFER DYES FOR DIGITAL PRINT by SOFTER COLOR	ASS	LIGHT FASTNESS (1/1 STANDARD DEPTH)	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	DRY	WET	CHLORINATION (CHANGE OF SHADE)
Blue Transfer 60 TPG	i										
FULL Shade	С	7	5	5	5	5	5	5	4÷5	5	5
REDUCTION 1:4											
Blue Transfer 72 TPG	i										
FULL Shade	B/C	6	5	5	4÷5	5	5	5	5	5	5
REDUCTION 1:4											
Blue Transfer 359 TPG	i										
FULL Shade	С	5	5	5	4÷5	5	5	4÷5	5	5	5
REDUCTION 1:4											

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	TRANSFER CLASS / GROUP	LIGHT FASTNESS (1/1 STANDARD DEPTH)	IS03	WASH	TEST	ISO ALKALINE PRESPIRATION			RUBBING		
TRANSFER DYES FOR DIGITAL PRINT by SOFTER COLOR			CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	CHANGE OF SHADE	STAINING OF POLYESTER	STAINING OF POLYAMIDE	DRY	WET	CHLORINATION (CHANGE OF SHADE)
Blue Transfer 360 TPG											
FULL Shade	B/C	5÷6	5	5	4÷5	5	5	4÷5	5	5	5
REDUCTION 1:4											
Green Transfer 3 TPG											
FULL Shade	B/C	6	5	5	4÷5	5	5	4÷5	5	5	5
REDUCTION 1:4											
Brown Transfer 27 TPG											
FULL Shade	В	6	5	5	4÷5	5	5	4÷5	5	5	5
REDUCTION 1:4											

## **SOFTER COLOR SRL**

Via Golfarelli, 88/D 47122 Forlì - Italia Tel. +39.0543.724672 Fax +39.0543.724650 info@softercolor.it www.softercolor.it

### 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