



SLF Super Light Fast Sublimation Ink Technical Data

SLF has equal fastness characteristics across the color gamut. The fastness will change within color shades without changing color gamut. Which means blue will not fade faster than red, so the color fastness does not alter your gamut.



Light exposure equivalents for blue wool lightfastness

Blue wool reference ₁	Xenon Only		AATCC ³ Fading Units
	420 nm	300 to 400nm	
	KJ/m ²	KJ/m ²	
L2	21	864	5
L3	43	1728	10
L4	85 ²⁾	3456	20
L5	170	6912	40
L6	340 ²⁾	13824	80
L7	680	27648	160
L8	1360	55296	320
L9	2720	110592	640

- 1) For colour change step 4 on the grey scale for colour change
- 2) Verified by experiment; all other values are calculated
- 3) AATCC Fading Units (AFU) added to chart as comparative information.

General accepted minimum for textile products listed below:

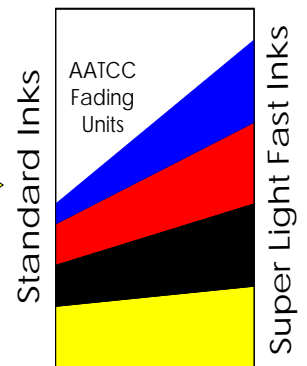
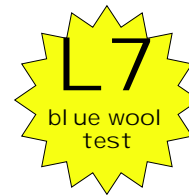
Quantity women and children's apparel	20 AFU
Quality women and children's outer-wear	40 AFU
Men's wear (including outer-wear)	40 AFU
Interior Upholstery fabrics	40 AFU
Drapery Fabrics	60-80 AFU

Since many things other than UV (light) exposure effect outdoor fastness, it is very difficult to predict how long an article will last with outdoor exposure. For example color fastness to things like Ozone, Oxides of Nitrogen and Humidity also effect outdoor fading.

FASTNESSES

Product	Light	Water (severe)	Washing (60°C)	Persp. (acid)	Persp. (alkali)	Rubbing (dry)	Rubbing (wet)	Dry clean
	ISO 105 /B02 100% / 10%	ISO 105 /E01 ch./st.	ISO 105 /C03 ch./st.	ISO 105 /E04 ch./st.	ISO 105 /E04 ch./st.	ISO 105 /X12	ISO 105 /X12	ISO 105 /D01 ch./st.
SLF YELLOW	7 / 6-7	5 / 5	5 / 5	5 / 5	5 / 5	4-5	5	4 / 5
SLF MAGENTA	7 / 6-7	5 / 5	5 / 5	5 / 5	5 / 5	4	4	4-5 / 5
SLF CYAN	7 / 7	5 / 5	5 / 5	5 / 5	5 / 5	4	4-5	4-5 / 5
SLF BLACK	7 / 6-7	4 / 5	5 / 5	5 / 5	5 / 5	4-5	4-5	5 / 5

*The light fastnesses have been measured at 100% and 10% coverage, at 720 dpi. All other fastnesses have been measured at 100% coverage and 720 dpi.



Super Light Fast inks have 200% more light fastness compared to standard inks. SLF is rated as L7 on a blue wool test.

Day to Day - Job to Job - you can Rely on WESTAR

Ph 719-260-9777
fx 866-432-1713
sales@westarsystems.com

Warehouse / Shipping Address
4401 Mark Dabling Blvd. Unit 50
Colorado Springs, CO 80907

Billing / Mailing Address
1210 West High Point Lane
Colorado Springs, CO 80904