

Spectra Systems Corporation Fluorescent Materials Catalog	Last Updated: October-07
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<i>Fluorescent Emission Color</i>	<i>Catalog #</i>	<i>Excitation Wavelength</i>	<i>Peak Emission Wavelength</i>	<i>Pigment Chemistry</i>	<i>Lightfastness (Euro Blue Wool)</i>	<i>Chem Resistance (solv: bleach: pH)</i>	<i>Relative Brightness</i>	<i>Body Color Bulk Powder</i>	<i>Body Color Printed (Ink)</i>
SpectraFluor® Short UV Pigments									
Red	SFP-0008	Short UV	625 nm	Organometallic	L4	good : poor : good	Better	White	Neutral / Invisible
Blue	SFP-0011	Short UV	425 nm	Organic	L3	fair : good : good	Better	White	Neutral / Invisible
Green	SFP-0013	Short UV	505 nm	Inorganic	L5	good : good : fair	Good	White	Neutral / Invisible
SpectraFluor® Long UV Pigments									
Blue I	SFP-1100	Long UV	485 nm	Organic	L3	good : good : good	Better	Pale Tan	Neutral / Invisible
Green I	SFP-1300	Long UV	511 nm	Organic	L5	good : good : good	Best	Pale Green	Neutral / Invisible
Yellow-Green I	SFP-1400	Long UV	517 nm	Organic	L5	good : good : good	Best	Pale Yellow	Neutral / Invisible
Yellow	SFP-1600	Long UV	550 nm	Organic	L5	good : good : good	Better	Tan	Neutral / Pale Tan
Orange I	SFP-1700	Long UV	565 nm	Organic	L4	good : poor : good	Fair	Beige	Neutral / Pale Beige
Red	SFP-1800	Long UV	615 nm	Organometallic	L2	sol : poor : good	Best	Pale Yellow	Neutral / Invisible
Blue II	SFP-2100	Long UV	475 nm	Organic	L5	fair : good : good	Best	Pale Yellow	Neutral / Invisible
Green II	SFP-2300	Long UV	500 nm	Organic	L4	good : good : good	Best	Pale Green	Neutral / Invisible
Blue III	SFP-3100	Long UV	480 nm	Organic	L5	good : good : fair	Best	Pale Yellow	Neutral / Invisible
White	SFP-4000	Long UV	Broadband	Organic	L5	good : good : good	Better	Tan	Neutral / Pale Tan
SpectraFluor® Specialty Dyes									
Blue-Violet	SFD-19-U	Long UV	425 nm	Organic	L3	sol : good : good	Better	Tan	Neutral / Pale Tan
Red-Orange	SFD-38-G	Green Light	590 nm	Organic	L4	sol : good : good	Best	Deep Brown	Light Pink
Red	SFD-38-R	Red Laser	675 nm	Organic	L4	sol : good : good	Better	Deep Blue	Pale Blue
SpectraShift® Fluorescent ColorShift Pigments									
<i>Emission Colors (Long UV / Short UV)</i>	<i>Catalog #</i>	<i>Excitation Wavelength</i>	<i>Peak Emission Wavelengths</i>	<i>Long / Short Chemistry</i>	<i>Lightfastness (Euro Blue Wool)</i>	<i>Chem Resistance (solv: bleach: pH)</i>	<i>Long / Short Brightness</i>	<i>Body Color Bulk Powder</i>	<i>Body Color Printed (Ink)</i>
Blue / Rose	SSP-1108	Long / Short	480 / 625	Org / Orgmetallic	L5	good : fair : good	Good / Better	Off White	Neutral / Invisible
Green / Orange	SSP-1307	Long / Short	510 / 625	Org / Orgmetallic	L5	good : fair : good	Better / Good	Off White	Neutral / Invisible
Yellow / Green	SSP-1613	Long / Short	550 / 505	Org / Inorganic	L5	good : good : fair	Better / Good	Off White	Neutral / Invisible
Yellow / Orange	SSP-1607	Long / Short	550 / 625	Org / Orgmetallic	L5	good : fair : good	Better / Good	Off White	Neutral / Invisible
Red / Green	SSP-1813	Long / Short	625 / 505	Inorg / Inorg	L5	good : poor : fair	Good / Good	Off White	Neutral / Invisible