

SINLOIHI PIGMENT DISPERSION

SF-5000 series



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SINLOIHI SF-5000 Series is a water base pigment dispersions of very fine particle size

Recently, fluorescent liquid markers have become much more popular and are now an important stationery item. As in most fields, the trend in liquid markers is more extensive use of water base type than solvent base. Pigment dispersion type is now the choice over dyestuff type because improved lightfastness and water stability is required.

SF-5000 Series has been developed mainly for fluorescent liquid markers requiring pigment dispersion with fine particle size. Color brilliancy and strength of SF-5000 Series, as well as other properties are improved in accordance with the request by our valuable customers. The use of SF-5000 Series is not limited to the fluorescent liquid marker, it can be used for a wide range of dispersion is required.


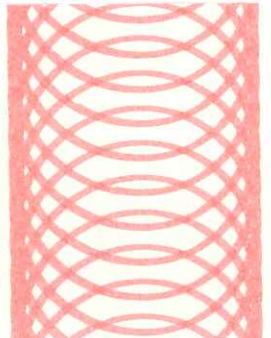
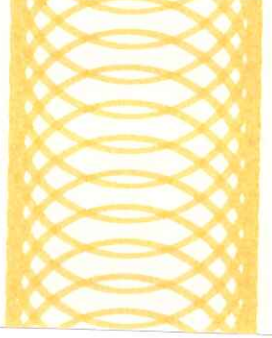

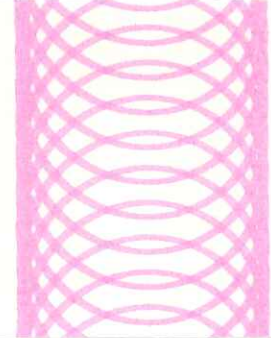
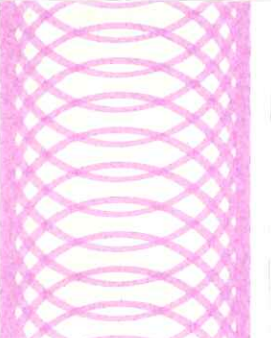
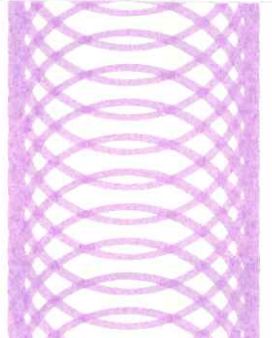
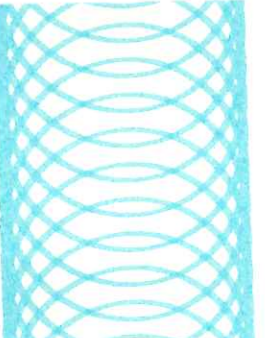
Colours	SF-5000 Series
Green	SF-5012
Red	SF-5013
Orange	SF-5014
Lemon Yellow	SF-5015
Pink	SF-5017
Rose	SF-5027
Violet	SF-5037
Blue	SF-5018

Properties	SF-5000 Series
Formaldehyde	free
Solid content	30±1.5(%)
Specific gravity	1.05 ± 0.05
Average particle Size	0.1(μm)
Viscosity	5~10 (mps•s)
pH	6 ± 1

* Color may happen to change at alkali side.

Application:

- + Water base fluorescent marker ink, roller ball pen ink, plastic nibs pen etc
- + Various kinds of water base fluorescent ink such as gravure and flexo ink, for which submicron is required.

SF-5000 Series Color Sample			
SF-5012 Green	SF-5013 Red	SF-5014 Orange	SF-5015 Lemon Yellow
			
SF-5017 Pink	SF-5027 Rose	SF-5037 Violet	SF-5018 Blue
			

Formulation example of fluorescent marker ink

SF-5000 Series	40
Glycerine	20
Water	40
additives (pesticide & fungicide)	X
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Total	100 + X by weight

※ The various data in this bulletin are based on the information we believe to be correct. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective users determine the suitability of our materials and suggestions before adopting them on a commercial basis.

Outline of SINLOIHI CO.,LTD

SINLOIHI originated in 1953 when Dai Nippon Toryo Co.,Ltd., the mother company, established a Luminous Paint Division, carrying the development of organic fluorescent products and luminous paints, and in May 1959 SINLOIHI CO.,LTD. was established. Since then, with the background of highly qualified technicians and fine chemical technology, we have been concentrating our main activity on the supply of organic fluorescent products, so-called "dream colors", such as organic fluorescent pigments SINLOIHI COLOR as well as the application products of organic fluorescent pigments such as fluorescent paints LOIHI COLOR NEO and fluorescent film LUMINO TAPE 200 and SUPER LUMINO TAPE 3000.

SINLOIHI COLOR, which creates vivid colors, has recorded actual applications in various fields such as fashion, leisure, safety protection, advertising and sales promotional items etc., responding to the tide of the times that requires new colors, and is enjoying high evaluation not only in Japan but also in overseas markets. Making harmony with regional societies, we are always searching for highly creative products. And in every case, our wish is to make endless dream of beauty come true.

We supply also photoluminescent materials for safety protection under the dark and special fluorescent materials LUMILITE COLOR, which genuinely represents entirely new coloring materials designed to produce vivid, versatile colors virtually approaching the real of sweet illusion-just by exposing the image to ultraviolet lights.



URL <http://www.sinloihi.co.jp>

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