

# Textile Screen

# Inks

## Nyloflex NF

One Pack/Two-pack Flexo inks  
For Ribbon Printing

### Features

- High Opacity.
- Good Flexibility.
- Excellent Wash Fastness.
- Excellent Adhesion.
- Lead free pigmentation
- Inks meet ROHS\*, EN-71\* standard and are FORMALDEHYDE\*, PHTHALATE\* & PVC\* Free

Nyloflex NF inks are for flexo printing onto Taffeta, Nylon, Polyester, Satin, cotton tape and .  
all types of synthetic fabric tapes.

TEST INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN

**SERICOL**  
More than ink...Solutions.  
**FUJIFILM**

### Thinning & Wash-up

Up to 10% SS521 Reducer.

For maximum opacity, print unthinned.

For hot shop conditions, use up to 10% SS 806 Nylo Retarder.

Wash up with Universal Screen Cleaner

Screen Spray.

### Coverage speed.

25-30 Meter ribbon / min.

### Fabrics

Nyloflex NF inks are for flexo printing onto Taffeta, Nylon, Polyester, Satin, cotton tape and all types of synthetic fabric tapes.

### Colour Range

19 including fluorescents

### IMPORTANT:

Stir well before every use. Before a production run, users should satisfy themselves of ink and fabric compatibility to ensure adhesion and fastness requirements are met.

### Catalyst:

Nyloflex NF can be used as a simple one-pack system but for more demanding requirements NB386 Catalyst is recommended for mixing into the base colours. NF Catalyst improves adhesion and fastness properties and decreases the possibility of adhesion deterioration over a period of time. Catalysed inks have a pot life of approximately 8 hours. Estimate the amount of ink required for a day's work and thoroughly mix the ink base and catalyst in the following ratio:

Nyloflex NF Ink 90 parts by weight

NB Catalyst 10 parts by weight

Catalysed ink left over at the end of the printing run should be discarded.

### Adhesion

Nyloflex NF inks have good adhesion and flexibility on many ribbons, which have been treated for water resistance. Some ribbons may be finished or impregnated with particular waterproofing agents that may impair adhesion, even after considerable periods from printing.

For maximum adhesion to be obtained and maintained, it is recommended to catalyse the ink before use. Where lower opacity is tolerable, further improvements to adhesion can often be achieved by printing at a lower viscosity to aid penetration into the ribbon.

### Fastness

The fastness properties will vary depending on the ribbon and whether catalysed or uncatalysed ink is used.

#### Standard Colours

Nyloflex NF :  
NF-001 Black  
NF-021 White  
NF-042 Light Chrome  
NF-045 Yellow  
NF-043 Mid Chrome  
NF-101 Light Orange  
NF-162 Light Red  
NF-134 Red  
NF-124 Deep Red  
NF-154 Fuchsia  
NF-127 Deep Violet  
NF-227 Light Blue  
NF-212 Blue  
NF-320 Green  
NF-381 Extender Base

Available in 1 Kg containers

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### Additives

NB386 NB Catalyst

NB431 Flexibility Additive

Available in 1 ltr and 0.2 ltr containers.

ZEI 811 Hold Out Additive

Available in 0.2 kg containers.

### Thinner

SS 521 Reducer

### Fujifilm Sericol India Pvt Ltd

- Has certification to the international Environmental Standard, ISO 14001
- Is committed to minimising the risk to users of our products, and also to minimising the impact of our activities on the environment, from formulation through to production and supply.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reduce waste through better use of raw materials, energy, water, re-use and recycling

### Safety and Handling

Nyloflex NF Inks:

Are formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC (as amended).

### NB386 NB Catalyst:

Contains isocyanate and should not be used by persons suffering from bronchitis or asthmatic symptoms.

### Environmental Information

#### Nyloflex NF inks & NB catalyst:

- Does not contain ozone-depleting chemicals as described in Montreal Convention.
- Do not allow product to reach sewage system or any water course. Inform respective authorities immediately if the product is found seeping into sewage or water system. It must not be disposed off with household rubbish. All the scrap materials used should be disposed through authorised agencies only who are appointed by government for collection of hazardous wastes or disposed scrap waste.

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