



Serie " NYLONSAC "

Product general description

Nylonsac are solvent-based screen inks suitable to be employed in the textile sector.

They are mainly used for printing particularly difficult fabrics on which the traditional water based inks generally do not give satisfactory results.

Nylonsac inks have good adhesion and flexibility on many nylons, polyesters and other synthetic fabrics.

Field of application

Nylonsac are mainly used to make writing and decoration on sport bags and nylon bags in general but they can be also used with success onto many other synthetic substrates.

Main characteristics

Nylonsac inks are one-pack solvent-based inks. Because of these characteristics they are completely different from the traditional textile inks. In fact they require neither addition of catalyst nor particular treatments at high-temperature.

They are easy to print, they air dry quickly and they have also **very high opacity**.

The adhesion is generally very good and the obtained printings resist perfectly to the rubbing and scratch tests and, in some cases, to machine washing with powders.

It is however advisable to always carry out test as fabrics are sometimes superficially treated with silicon products which can reduce the ink adhesion.

In case of poor adhesion due to superficial treatment of the fabric (silicon) it is advisable to add to the ink about 3 % of **Induritore 3000.

The pot life of the mixture is about 6 to 8 hours.

The maximum benefit from the use of this catalyst will be achieved after 24 hours.

Employ

Nylonsac are usually printed with large screen meshes (21-43) on dark surfaces and with thin meshes on clear surfaces (77-120 threads/cm).

Before printing, they have to be thinned with their specific thinners (about 5-10%).

Screens can be made using the ordinary emulsions resistant to solvent based inks.



SCREEN INKS

Curing

In order to obtain a very good chemical resistance it is advisable to dry the prints for 1 / 5' at 60°-70° C in a conventional oven.

Coverage

Coverage is strongly influenced by the type of mesh used for printing. With a 77 thread mesh you can reach coverage of about 25 sqmt/Kg.

Range of colours

NYLONSAC are supplied in all the 18 standard shades of our range of glossy inks colours. Fluorescent and metalized shades are also available.

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This information is based on our direct experience but it does not answer any real guarantee.