NAQSHIN PVC

NAQSHIN SCREEN PRINTING INKS

Solvent-based PVC screen printing ink.
For professional screen printing applications.

Retarder system.
White 100, Black 199 and Clear Base 000.
Available in 1 kg and 10 kg packaging.

Issue 01
17 Nov 2026

Product Description

NAQSHIN PVC is a solvent-based screen printing ink based on PVC resin and used with a retarder system. This product range includes white, black and a clear base.

Select the ink, compatible auxiliaries and processing conditions according to the actual printing substrate and the results of preliminary trials.

Field of Application

Substrate selection

The exact substrate grade, its surface condition and any existing coating must be considered before printing. Suitability must be established for the intended application; the product name alone does not confirm compatibility with every plastic or textile.

Preliminary testing

Carry out a trial print on the actual production material. After complete drying, assess adhesion, appearance and the resistance required for the intended use. Record the materials, auxiliaries and processing conditions used in the test.

Results obtained on one material must not be assumed to apply to every grade or finish of the same general substrate family.

Preparation & Use

Ink preparation

Stir thoroughly before use until the ink is homogeneous. Check consistency before starting production and whenever the process conditions change.

Surface preparation

The printing surface must be clean, dry and free from dust, grease, silicone and release agents. Any cleaning or preparation method must be suitable for the substrate.

Printing Adjustments

Viscosity adjustment

Adjust viscosity only with a compatible thinner recommended for this ink. Add gradually while stirring and confirm the result with a trial print.

Retarder

Adjust the use of retarder to ambient conditions, printing speed and screen behaviour. Do not apply a universal mixing ratio. Confirm the compatible product and its addition level before use.

Screen and squeegee

Select the mesh, stencil and squeegee to suit the design details, substrate and required ink deposit. Confirm settings during preliminary trials.

Drying & Handling

Drying depends on the ink deposit, substrate, temperature, ventilation and auxiliaries. Verify complete drying before stacking, packing or evaluating the finished print.

Numerical drying times, curing conditions and performance ratings are not specified in this product information sheet.

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Product Range

Colour identification

Use both the name and the code on the container when ordering. The codes below identify the current NAQSHIN PVC options.

100 White

199 Black

000 Clear Base

Clear Base 000

Clear Base 000 is the transparent base option in this range. It is not White 100 and must not be selected as a direct replacement for white ink.

Confirm the intended formulation and compatibility before combining the clear base with colour pastes or other materials. No universal addition ratio is specified.

Packaging

Ink packaging sizes: 1 kg and 10 kg. Confirm the available colour and pack size when placing an order.

Retarder and other auxiliaries are supplied separately and are not included with the ink container.

Ordering Information

Specify the product series, colour name, colour code, pack size and quantity. For application guidance, also provide the exact substrate and production conditions.

Website

naqshin-ink.ir

Sales contact

+98 26 3254 8000 / +98 26 3256 8000
+98 912 325 5529 / +98 902 325 5529

Compatible Auxiliaries

Thinner and retarder

Use only auxiliaries confirmed as compatible with NAQSHIN PVC. Thinner, retarder and clear base have different functions and must not be treated as interchangeable.

Do not mix with other ink systems or introduce unconfirmed additives. This solvent-based PVC ink must not be treated as a plastisol ink; processing requirements are different.

Storage

Keep in the original, tightly closed container. Follow the storage conditions and expiry information on the product label and the applicable safety documentation.

Close the container after dispensing. Avoid contamination and do not return used or contaminated ink to the original container.

Safety Information

For professional use. Read the container label and the applicable Safety Data Sheet (SDS) before handling, storage and disposal.

This product information sheet does not replace the SDS. Use the ventilation, personal protection and handling precautions required by the applicable safety documentation.

Important Note

This sheet describes product identity, available options and general processing guidance. Substrate compatibility and final performance must be verified by preliminary testing under the actual conditions of use.

Quantitative technical specifications, certified resistance values, shelf life and mixing ratios require product-specific confirmation. No equivalence to another manufacturer's ink is stated or implied.

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