wilflex™

EPIC ONE STEP NYLON

PRODUCT INFORMATION BULLETIN

epic

Wilflex™ Epic One-Step Nylon is a specially formulated non-phthalate ink designed to print onto "untreated" nylon substrates. Standard plastisol ink processes can be used and ink will not dry in the screen or harden in the container.

- 19930PFXOSN EPIC OSN BASE
- 11000PFXOSN EPIC OSN WHITE
- 19000PFXOSN EPIC OSN BLACK

HIGHLIGHTS

- OSN inks flash quickly to allow efficient multi-ink printing
- High opacity.
- Can be used with or without the ASI Hugger Catalyst.
- Excellent for printing untreated nylon fabrics ranging from coarse deniers used in backpacks and luggage to finer deniers used in garments and umbrellas.

PRINTING TIPS

- Use consistent, high-tensioned screen mesh to optimize performance properties.
- One-Step Nylon inks should NOT be used on waterproofed satin jackets or when printing onto waterproofed nylon materials. If the nylon material has been treated to repel water, the waterproofing must be removed, and the addition of Epic Hugger Catalyst at 10% by weight will be necessary. Wipe down the print area with rubbing alcohol or acetone if printing on a tightly woven jacket material.

COMPLIANCE

- Non-phthalate

PRECAUTIONS

RECOMMENDED PARAMETERS

Fabric Types
Untreated 100% nylon

Mesh
Count: 86-230 t/in (34-91 t/cm)
Tension: 25-35 n/cm2

Squeegee
Durometer: 60-90
Profile: Straight Edge
Stroke: Medium
Angle:

Stencil
2 over 2
Off Contact: 1/16" (2mm)
Emulsion Over Mesh:

Flash & Cure
Flash: 160°F (70°C)
Cure: 280°F (138°C)

Pigment Loading
NA

Wilflex™ Additives

Storage
65-90°F (18-32°C)
Avoid direct sunlight
Use within one year of receipt

Clean Up
Ink degradant or press wash

Health & Safety
Find SDS information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR

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