



DESCRIPTION

Sihl **3948 Instant Dry Canvas satin** is a double weave cotton/polyester canvas for high quality graphic arts applications. 3948 is a 19 mil thick stretchable canvas with a satin finish, and a special water-resistant ink receptive coating (pigmented inks required for water resistance.) 3948 is compatible with both dye and pigmented inks; however, using pigmented inks will significantly increase achievability making 3948 an ideal media for fine art reproduction. Due to the presence of natural components (cotton) in the base material, the surface characteristic will vary slightly.

PHYSICAL PROPERTIES

Property	Unit (metric)	Unit (US)	Test Method	Notes
Total weight	350 g/m ²	94 lb.	ISO 536	
Thickness	465 µm	19 mil	ISO 534	
Opacity	>99%		ISO 2471	

APPLICATIONS

- For wide format full-color photographic printing, e.g. indoor banners; fine art reproduction; trade show banners; high resolution photographic applications; ideal for wedding pictures and portraits.
- For indoor applications
- Designed for use with water-based pigmented or dye inks
- With pigmented inks achievability is dramatically increased

Limitations: Although Sihl 3948 is compatible with pigmented inks, it is not suitable for outdoor applications.

ADVANTAGES

- Superior image quality, color gamut, saturation and resolution
- Woven (stretchable) cotton fabric for professional full color graphics
- Inkjet coating is highly resistant to cracking when stretched over frames -> ideal media for fine art reproductions
- 3948 is water resistant -> No quality loss of print out by high humidity or condensation
- Compatible with both pigmented and dye based inks
- Instant dry microporous technology

LIST OF PRINTERS

Printer	Dye Based Ink	Pigmented Ink
Colorspan	EnduraChrome	PermaChrome
Encad NovaJet Pro 36/50, Pro e 42/60, NovaCut	Encad GS, GA, GX	GO
Epson Pro 9000	Standard	Standard
Hewlett Packard DesignJet 2000/ 3000/ 5000 series	HP Standard	UV+
Western Graphtec SignJet Pro	Standard	Standard
Mimaki JV2	-	Standard
Mutoh 4100	Standard	-
Roland HiFiJet	Standard	Standard

PRINT RECOMMENDATIONS

Converting: The material is converted coated side out.

Printer Settings for optimal print quality: ▶ Ink limit -> 340%, however, individual results may vary due to printer type, shop conditions and image. ▶ Paper Type -> Heavy Coated Paper ▶ Print Mode -> Best ▶ Resolution -> up to 1440 dpi, however, individual resolution settings may vary due to printer type.

Printer and Ink Compatibility: While 3948 may be printed with most water-based pigmented and dye based inks, use pigmented inks to increase the longevity of the image.

FINISHING RECOMMENDATIONS

Lamination: Use liquid laminates only. We recommend using **ClearJet** from **ClearStar™**. For additional information and latest compatibilities please visit our website at www.sihlusa.com or call our tech-support at 1-800-366-7393. After lamination wind up with image facing out.

Mounting: If you need to mount 3948, use acid-free double-sided adhesives only.

CONDITION OF USE AND STOCKING

Storage (new and partially used rolls): For quality reasons 3948 should be stored and converted under conditions of 35-65% relative humidity and at a temperature of 10-30°C.

Storage of open rolls: When an open roll of media is not being used ▶ remove the roll from the printer ▶ cover the roll with a plastic bag to protect it from contaminants ▶ if you are storing it on end, use an end plug and tape down the edge to prevent damage to the edge of the roll ▶ do not lay sharp or heavy objects on unprotected rolls and do not stack them.

WARRANTY STATEMENT

The following statement is made in addition to all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose: 3948 Instant Dry Canvas WR 350 satin is warranted to be free of defects in materials and manufacture and to have the properties stated in Sihl's published product information sheet. Sihl will replace or refund the price of any Sihl materials that do not meet this warranty.

These remedies are exclusive. In no case shall Sihl be held liable for any direct, indirect or consequential damages, including labor or non-Sihl material charges.

3948 Instant Dry Canvas WR 350 satin is manufactured in Switzerland.

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Disclaimer: Data mentioned in this product information sheet represents a guide line.
Before using our media please make sure that suitability is secured for your printer.
Sihl cannot take liability for any damages which result from changes in printing inks/ or printers.

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