



### DESCRIPTION

Sihl IJS 150 photo realistic satin 3869 is a professional quality, bright white, opaque, barrier-coated inkjet paper with a satin-gloss surface finish. Designed for narrow and wide format digital inkjet printing, the ultra smooth coating prevents paper cockle and yields high quality, high-resolution photo realistic images.

### PHYSICAL PROPERTIES

Property	Unit (metric)	Unit (US)	Test Method	Notes
Total weight	150 g/m <sup>2</sup>	43 lb	ISO 536	
Thickness	141 µm	6 mil	ISO 534	
Whiteness	95%		ISO 2471	
Opacity	94%		ISO 2471	
Gloss level (60°)	54%		DIN 67530	
Paper Color (D50 2°)	L* 96.2    a* 5.2    b* -17.5		DIN 6174	

### APPLICATIONS

IJP 150 photo realistic satin 3869 is designed for small format and wide format graphic arts inkjet printing and is compatible with water-based dye inks. High ink retention and a fast ink drying are achieved by a special surface inkjet coating. To overlaminate IJP 3869 use low-heat activated laminates or pressure sensitive overlaminates such as Sihl LPS 3624 (3MLV), LPS 3621 (2MCVC) or LPS 3622 (2MMVC). Using an overlaminate will not only increase durability but also improve UV stability and give the print a unique finishing appearance. Popular applications include:

- Photo quality indoor posters and signs
- Laminated posters
- Trade show decals and advertising posters

*Limitations: IJP 3869 is not waterproof and is not compatible with pigmented inks.*

### ADVANTAGES

- High quality photo paper designed for high-end graphic arts images and photo reproduction
- High-contrast image reproduction in brilliant, true colors
- Photo realistic print-out with excellent edge definition and soft gradients
- Medium inclination to light reflection
- Good capability for lamination

### LIST OF PRINTERS

Printer	Dye Based Ink	Pigmented Ink
Colorspan DM 4000/5000/6000/7000, DMX, DMXII	EnduraChrome	-
Encad NovaJet Pro 36/50, Pro e 42/60, 500, 600, 700, 850	Encad GS, GA, GX	-
Hewlett Packard DesignJet 2000/3000/5000 series	HP Standard	-
Western Graphtec Sign Jet Pro	Standard	-

*Please contact your local Sihl representative for additional information about printer and ink compatibility.*

## PRINT RECOMMENDATIONS

**Converting:** The paper is converted coated side out.

**Printer Settings for optimal print quality:** ► Ink limit -> 380%, however, individual results may vary due to printer type, shop conditions and image. ► Paper Type -> Photo Satin Paper ► Print Mode -> Best ► Resolution -> up to 1440 dpi, however, individual resolution settings may vary due to printer type.

**Printer and Ink Compatibility:** The material can be printed with most water-based dye inks but using light stable inks will increase the longevity of the image. Pigmented inks are not recommended.

## FINISHING RECOMMENDATIONS

**Lamination:** Sihl IJP 3869 can be overlaminated with most cold laminates and low temperature hot laminating materials. When the photobase is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25" safe edge of laminate. This will seal the photobase paper, preventing moisture absorption and paper splitting. Use laminates of equal gauge when encapsulating to prevent image curl. Overlaminating will also increase UV stability and prevent colors to fade early.

**Mounting:** Cold pressure sensitive adhesives typically provide the most aggressive bonds and are recommended for use with this product.

## CONDITION OF USE AND STOCKING

**Shelf Life:** Sihl IJP 150 photo realistic satin 3869 has a shelf life of 12 months after receipt from Sihl.

**Storage (new and partially used rolls):** For quality reasons IJP 3869 should be stored and converted under conditions of 30-65% relative humidity and at a temperature of 10-30°C.

**Storage of open rolls:** When an open roll of paper is not being used for a few days ► remove the roll from the printer ► Cover the roll with plastic 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 is made in addition of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose:* Sihl IJP 150 photo realistic satin 3869 is warranted to be free of defects in materials and manufacture and to have the properties stated in Sihl's published product information sheet or written specifications. 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.

IJP 150 photo realistic satin 3869 is manufactured in Switzerland.

## CONTACT INFORMATION

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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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Page 2