

# DATA SHEET



PP Sheets  
ViPrint™ Thin  
Product Datasheet

Version 9 • 11/2019

## Description

SWP's ViPrint Polypropylene sheets are designed for the graphic arts industry. They are corona treated on both sides and can be printed and decorated using different techniques (Digital, Screen or offset printing, embossing, hot foil stamping). They include an antistatic treatment to avoid attracting dust.

They are offered in a wide range of colours and emboss finishes; The ViPrint Thin range is optimised for the best printing results; available in natural, a white range and wide range of opaque and translucent colours with a fine sand finish on both sides.

## Applications

Stationery, advertising, printing...

## Key Features

### Printing

Digital, Screen and UV offset printing

Properties	Value
Density	0.93
≥ 0.280 mm to 0.400mm	
≥ 0.410 mm	0.92

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## Product Availability

### Colour

Opaque sheet - 13 standards colours  
Standard Colours: 5350-6909- 8170- 4136- 9170  
: 5137-5152-6142-4255-8152  
Whites: 1170- 1155  
Thin Backlight / White Opal: 1108  
Translucent Colours - Natural 0000

### Finish

Fine sand / Fine sand G01

### Thickness

0.28 mm to 1.2 mm

### Minimum Order Quantity

500kg per size/ thickness/ colour on a production campaign of G01 XXL: 1000kg per size/ thickness/ colour  
Or 500Kg on a minimum production campaign of 3 tons of G01 XXL.

### Sheet Size Specifications

#### Gauge

0.28 mm to 0.34 mm  
0.35 mm to 0.39 mm  
0.40 mm to 0.69 mm  
0.70 mm to 0.79 mm  
0.80 mm to 1.20 mm  
XXL: White 1155 - 1170 – 1108 – Natural 0.50 mm to 0.69 mm  
XXL: White 1155 -1170 – 1108- Natural 0.70 mm to 1.20 mm

#### Width

700/1000 mm  
700/1000 mm  
500/1300 mm  
500/1350 mm  
500/1400 mm  
900/1350 mm  
900/1400 mm

#### Length

700/1200 mm  
700/1400 mm  
650/1800 mm  
650/1800 mm  
650/1800 mm  
1801/3200 mm  
1801/3200 mm

NB: available sizes may vary depending on colours/embosses/order size. Please contact our sales department.

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## Additional Information

### Conversion

Guillotine cutting: Can be cut on traditional printing guillotine with double-edged blade.

Creasing: Cold and hot creasing techniques can be used depending on the thickness. The resulting hinges can be folded millions of times thanks to the remarkable characteristics of polypropylene. Welding: Different techniques can be used to weld ViPrint (Thermal (thin gauge), Ultrasonic, Hot Gas).

Gluing: ViPrint can be glued with PUR glue.

### Thermoforming

This product is not recommended for thermoforming.

### Outdoor/UV Resistance

In outdoor or strong UV light conditions, ViPrint can become brittle in a matter of months. For UV resistance grades please contact the Sales Office.

### Storage

This product has been corona treated which is required to allow ViPrint to be printed and glued. It should be noted that it has a limited shelf life, which can be effected by how it is stored. Ideally it should be stored in dark, dry and cool conditions.

### Certification/Approvals

REACH approved.

### Manufacturing Tolerances

	Up to 0.8 mm	0.81 to 1.20 mm
Gauge	± 0.02 mm	± 0.03 mm
Length*	± 1.5 mm	± 1.5 mm
Width*	± 1 mm	± 1 mm

\* Maximum difference between 2 sheets of a same lot