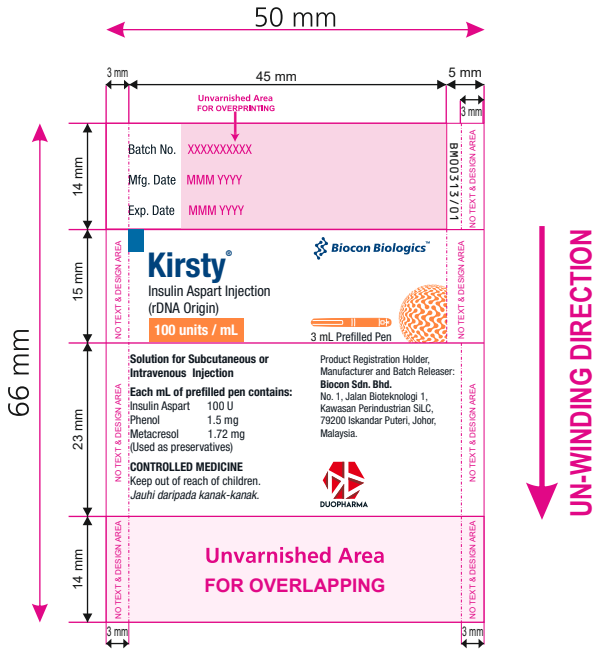
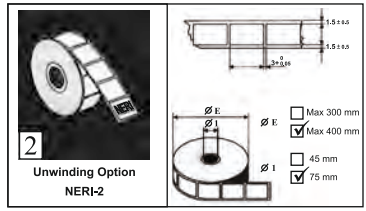




Product Name	KIRSTY 100 U/mL, 3mL (FOR DUOPHARMA MALAYSIA MFG.)	**Component**	PEN LABEL
Dimensions	50 (W) x 66 (H) mm	**Artwork Code**	BMXXXXX/XX
Pharmacode	NA	**Country**	MALAYSIA
Font Type	Helvetica Neue LT Pro	**Specification:**	
Font Size	4.5 pt		
Colors	Pantone 1575 C, Pantone 307 C, Pantone 541 C, Pantone 2035 C, Pantone 7624 C, C M Y K, Keyline, Varnish Free		

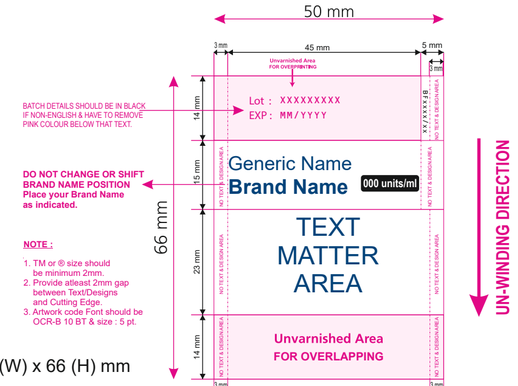
Material : SCHREINER : 160 micron PP White Gloss with 57 micron Glassine Paper – Schreiner Article No.: 31-28"

Material : AVERY DENNISON : BW8017, Fasson 60u Wh. PP TC/S6182/BG40WH IMP

Varnish: Clear Luminescent Varnish, Luminescent Level: 6-7 on Laetus Scale

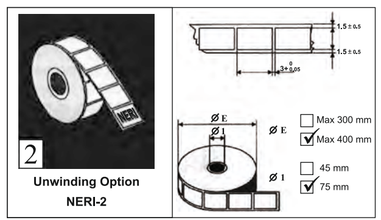
W:\ARTWORKS\KIRSTY\MALAYSIA - KIRSTY\BMXXXXX-XX-KIRSTY-INSULIN ASPART-10mL PEN LABEL-MALAYSIA

50x66mm-MARCHESINI-L1 & L2 SITES-PEN LABEL COMMON KEYLINE



Size : 50 (W) x 66 (H) mm

Material : SCHREINER : "60 micron PP White Gloss with 57 micron Glassine Paper – Schreiner Article No.: 31-28"
Material : AVERY DENNISON : BW8017, Fasson 60u Wh. PP TC/S6182/BG40WH IMP
Varnish: Clear Luminescent Varnish, Luminescent Level: 6-7 on Laetus Scale
Note : Megenta color to be referred for DIE key line. **Unvarnished Area**



\\Bhccom0008d$\KEYLINES\VIATRIS KEYLINES\SEMGLEE (INSULIN GLARGIN) KEYLINES\PEN PACK KEYLINES\PEN LABEL KEYLINES\50x66mm-MARCHESINI-L1 & L2 SITES-PEN LABEL COMMON KEYLINE.cdr

SCHREINER SPECIFICATION :

schreiner Group

Material Information

Description: PP white glossy, permanent, Glassine
Beschreibung: PP weiß glänzend, permanent, Glassine
Article-No./ *Artikel-Nr.*: **31-28**
Revision/ *Änderung*: **01** Date/ *Datum*: **04.09.2018**

Physical Properties / *Physikalische Daten*

	test characteristics *Prüfparameter*	test procedure *Meßmethode*	Unit *Einheit*	Min *Min.*	Nominal *Sollwert*	Max *Max.*
1	**face material / *Obermaterial***					
1.1	type of material *Materialart*	Polypropylene film white glossy *Polypropylenfolie weiß glänzend*				
1.2	grammage *Flächengewicht*	DIN EN ISO 536	g/m²	52	57	62
1.3	thickness *Dicke*	DIN EN ISO 534	µm	55	60	65
2	**adhesive / *Haftklebstoff***					
2.1	type of adhesive *Klebstoffart*	Permanent acrylic adhesive water based *Permanenter Dispersions-Acrylatklebstoff*				
2.2	coat weight *Auftragsgewicht*	FTM 12	g/m²	18	20	22
2.3	'loop' tack, quick stick/glass *Anfangs- bzw. Soforthaftung/Glas*	FTM 9	N	7	-	-
2.4	final adhesion 24h/glass *Endhaftkraft 24h/Glas*	FTM 1	N/25mm	7	-	-
3.	**release liner / *Trennmaterial***					
3.1	type of material *Materialart*	glassine paper white, one side siliconised *Glassinepapier weiß, einseitig silikonisiert*				
3.2	grammage *Flächengewicht*	DIN EN ISO 536	g/m²	58	62	66
3.3	thickness *Dicke*	DIN EN ISO 534	µm	51	55	59
3.4	transparency *Transparenz*	DIN 53147-64	%	46	-	-

Liability exclusion
This data sheet is meant to inform you and was issued to the best of our knowledge. Only tests carried out by you can ensure that the material fully complies with your requirements. However we shall not be held liable for the information contained herein.

Haftungsausschluss
Dieses Merkblatt soll Sie beraten. Es ist nach unserem besten Wissen und Gewissen zusammengestellt worden. Eine eigene Versuche gegen Aufschluss über die volle Eignung. Eine Verbindlichkeit unsererseits kann aus den Angaben nicht abgeleitet werden.

Erstellt nach Vorlage Ea
Ersetzt: Prüf- und Freigabe Management
ca. ab: 2016

Freigegeben von/ approved by
Dr. I. Adlkofer, Leiter Labor Textil-Technologien
ca. ab: 2014

Replaced Blatt/Sheet: 00 119 12 2016
• 17102004 •
• Folge Blatt 2, 00 E

schreiner Group

Material Information

Description: PP white glossy, permanent, Glassine
Beschreibung: PP weiß glänzend, permanent, Glassine
Article-No./ *Artikel-Nr.*: **31-28**
Revision/ *Änderung*: **01** Date/ *Datum*: **04.09.2018**

4.	**laminate / *Haftverbund***					
4.1	release force (300mm/min) *Trennkraft (300mm/min.)*	FTM 3	cN/50mm	6	9	13
4.2	long term processing temperature *Dauergebrauchstemperatur*		°C	-40	Up to *bis*	+120
4.3.	minimum application temperature *Mindestverklebetemperatur*		°C		-5	

General description
- A white glossy Polyester film coated with a water based permanent acrylic adhesive and backed with a white glassine paper.

Allgemeine Beschreibung
- Eine weiße glänzende Polypropylenfolie, die mit einem permanenten Dispersions-Acrylatklebstoff beschichtet und mit einem weißen Glassinepapier abgedeckt ist.

Imprintability
- TTR X: very good optical characteristics and scratch resistance
- TTR C: very good optical characteristics, low scratch resistance

Nachbeschriftbarkeit
- TTR X: sehr gute Optik und Kratzfestigkeit
- TTR C: sehr gute Optik, geringe Kratzfestigkeit

Official autorizations / IMDS
- ISEGA approval for the adhesive.
- FDA approval (Ch. 21 CFR § 175.105) for the adhesive.
- Complies with RoHS-standard.
- IMDS listed.

Behördliche Zulassungen / IMDS
- ISEGA-Zertifikat für den Klebstoff liegt vor.
- FDA Zulassung (Ch. 21 CFR § 175.105) für den Klebstoff.
- Erfüllt die RoHS-Norm.
- IMDS gelistet.

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• Folge Blatt 2, 00 E

AVERY DENNISON SPECIFICATION :

AVERY DENNISON | Label and Packaging Materials | Inspired Brands. Intelligent World.™



BW8017
Fasson 60u Wh. PP TC/ S6182/BG40WH IMP

A bi-axially oriented, glossy, pearlized white polypropylene film with a print-receptive coating

Applications



Salient Features
Salient Features

- **Low adhesive build-up on presses and applicators resulting in improved efficiency.**
- **Excellent ink anchorage facilitates high speed printing and shorter web paths.**
- **Optimum adhesion on wide range of substrates.**
- **Suitable for high speed dispensing.**
- **Excellent short term re-position ability.**
- **Consistent quality enabling high converting and printing efficiency.**
- **Defined Service guidelines.**

Spec Code: BW8017 || EAN Code: 84140021

Issue date: October,2021

AVERY DENNISON | Label and Packaging Materials | Inspired Brands. Intelligent World.™

Facestock
A bi-axially oriented,Glossy,pearlized white polypropylene film with a print-receptive coating

Basis Weight	43 µm ± 4 µm	ISO 536
Caliper	58 µm ± 4 µm	ISO 534

Adhesive
S6182 is an emulsion acrylic adhesive.

Liner
A supercalendered glassine paper with excellent strength characteristics.

Basis Weight	57 gsm ± 4 gsm	ISO 536
Caliper	51 µm ± 4 µm	ISO 534

Laminate
Total Caliper 120 µm ± 7 µm

Typical Performance Data

Initial Tack	420	N/m	FTM 9 glass
Peel Adhes. 90°	300	N/m	FTM 2 st.st.
Min. appl. temp.	5°C		
Service temp.	-20°C to 80°C subject to facestock limitations		

Applications and Use
Typical applications include labels for rigid containers on Cosmetics, Toiletries and other Health and Beauty Aid products, Food and Beverage products, promotional labeling and household chemicals requiring durability and resistance to moisture and chemicals. Due to the nature of the film, care should be taken with use on non-uniform surfaces and where a high level of squeeze ability is required.
Food Industry Labels: The adhesive complies with FDA regulation (section 175.105) for indirect food contact.

Conversion/Printing
Fasson® White PP product due to its top coating can be printed by flexo, screen and UV letterpress giving good results with solvent, UV and water based inks. Good acceptance to cold foiling. Good conversion characteristics in rotary and flatbed presses.

Shelf life
To obtain optimal performance, use this product within two years of the date of shipment, under storage conditions as defined by FINAT (20- 25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

BW8017
Fasson 60u Wh. PP TC/ S6182/BG40WH IMP



60u Top White PP
S6182
BG40 WH IMP

✓ FDA.175.105
✓ ROHS

Avery Dennison India Pvt. Ltd.

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Warranty
All statements, technical information and recommendations about AVERY DENNISON products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All AVERY DENNISON products are sold with the understanding that PURCHASER has independently determined the suitability of such products for it purposes. AVERY DENNISON products are warranted to be free of defects in material or workmanship for a period of one year from the date of shipment, provided however to the satisfaction of AVERY DENNISON that such products have been properly converted, stored and handled within storage and AVERY DENNISON may issue credit in such circumstances. This warranty is limited and AVERY DENNISON is responsible for claims beyond the replacement value of the defective product or in any way.

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