



HOT MELT

GREEN INNOVATION LABELS

TO ENSURE YOUR SUSTAINABLE FUTURE

SUSTAINABILITY



WHAT IS HOTMELT ADHESIVE



Hot melt labels are widely used in industries labeling systems and automatic packaging systems on production lines such as the food and beverage industry, electronics industry, automotive parts industry, printing packaging industry, consumer products, etc.

PSA Hot melt adhesive is **constructed of high quality synthetic rubber with a 100% solid component**. They have excellent moisture resistance, cold temperature performance and high adhesion to difficult Low Surface Energy (LSE) and textured substrates. Which advanced production technology. As a result, quality control is consistent and accurate, and can also **reduce the carbon footprint** in the label production process up to 50% compared to the conventional adhesive production process. Hot melt adhesives are therefore **environmentally friendly** and a sustainable approach to doing business with an environmental consciousness(Sustainability) alongside the label industry and their use. They provide excellent moisture resistance, cold temperature performance and high adhesion to difficult Low Surface Energy (LSE) and textured substrates.

Additionally, In terms of hot melt adhesive properties that are both toughness adhesion and resistance to a variety of operating environments, such as corrugated boxes made from recycled pulp, non-polar plastics that are typically difficult to stick, rough surfaces, moisture resistant, resistant to use in cold areas. PSA hot melt labels is suitable for a wide range of applications on various types of packaging including food and beverage label, household label, pharmaceutical label and most importantly, **hot melt label is suitable for use in workgroups chill food packaging, frozen food at cold temperatures (-40 degrees Celsius)**



**COLD TEMP
& MOISTURE
RESISTANCE**



**GOOD APPLY ON
ROUGH SURFACE**



**ECO-FRIENDLY
RAW MATERIAL**



**REDUCE CARBON
FOOTPRINT**

OUR NEW HOT MELT ADHESIVE MACHINE



HOTMELT ADHESIVE ADVANTAGE



Excellent performance in chill temperatures with superior moisture resistance



Product labeling applications are appropriate for a wide range of substrates, including HDPE, cardboard, and rough surfaces



Environmentally friendly because it contains no solvents (100% solid) = Sustainability
Reduce Carbon footprint



Setting and processing are not complicated / Low energy consumption = Energy Saving

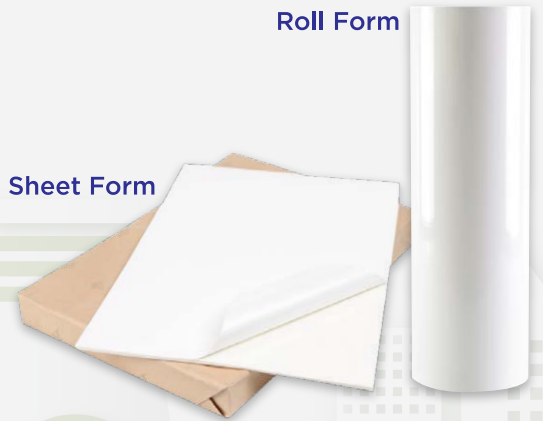


High process technology which highly accuracy



Roll Form

Sheet Form



HOTMELT LABELS GPP & FROZEN LABEL

The adhesive complies with FDA 175.105 for indirect contact

PHG01 For GPP and chill application

PHZ11 For frozen application



PROPERTIES

Adhesion (S/Steel)	≥12.0 N/25mm
Loop Tack	20.0 ± 3.5 N/25mm
Labeling Temperature	Min 0°C
Service Temperature	Min -30°C, Max 60°C
Shelf Life	1 year under optimum storage condition



PROPERTIES

Adhesion (S/Steel)	≥12.0 N/25mm
Loop Tack	16.0 ± 3.5 N/25mm
Labeling Temperature	Min -10°C
Service Temperature	Min -40°C, Max 60°C
Shelf Life	1 year under optimum storage condition



HOTMELT LABELS APPLICATION



1 General label for chill and general purpose

- Gloss White PP Label
- Matte White PP Label
- PP Thermal Label
- Semi-Gloss Paper Label
- Cast Coated Paper Label
- Wood-Free Paper Label

2 Frozen Food Label

- PP Thermal Label
- Matte White PP Label

3 Logistic Label

- Non-Top Coated Thermal Paper Label

4 Tyre Label

- Gloss White PP Label

5 Digital Label

- Gloss White PP Label

6 Pharmaceutical Label

- Direct Thermal Paper
- Direct Thermal Film

HOTMELT LABELS GUIDELINE



**BEST
SELLER!**

FILMIC

ITEM	APPLICATION	ADHESIVE PERFORMANCE					COMPLIANCE
		Initial Tack FTM9 on SS (N/25mm)	Adhesion FTM1 on SS (N/25mm)	Min. Application Temperature	Min. Service Temperature	Max. Service Temperature	
GLOSS WHITE TOP COATED POLYPROPYLENE LABEL							
HPPWL-WHM#3	<ul style="list-style-type: none"> Excellent printability when using conventional printing techniques. Suitable for a wide range of substrates. Good performance at chill temperatures with good moisture resistance. 	20.0 ± 3.5	≥ 12.0	0 °C	-30 °C	60 °C	FDA 175.105
PPWL-WHM#3	<ul style="list-style-type: none"> Superior printability when using conventional printing techniques. Suitable for a wide range of substrates. Good performance at chill temperatures with good moisture resistance. 	20.0 ± 3.5	≥ 12.0	0 °C	-30 °C	60 °C	FDA 175.105
SYNTHETIC POLYPROPYLENE LABEL							
HSPL-WHM#2	<ul style="list-style-type: none"> Product labelling applications are good resistance against water, oil, and chemicals is important such as labelling toiletries, cosmetics and other packages. Suitable for a wide variety of substrates. Good performance at chill temperatures which are good resistance against moisture. Superior printability by conventional printing techniques. 	18.0 ± 3.5	≥ 12.0	0 °C	-30 °C	60 °C	FDA 175.105
SPL-WHM#2	<ul style="list-style-type: none"> Product labelling applications are good resistance against water, oil, and chemicals is important such as labelling toiletries, cosmetics and other packages. Suitable for a wide range of substrates. Good performance at chill temperatures with good moisture resistance. Superior printability when using conventional printing techniques. 	18.0 ± 3.5	≥ 12.0	0 °C	-30 °C	60 °C	FDA 175.105
HSPL-WHM-FZ#2	<ul style="list-style-type: none"> Product labelling applications good cold temperature performance provides moisture resistance after application on a dry surface is important e.g. labelling frozen food packages. Suitable for a wide variety of substrates. Good performance at freezing conditions. The product is designed to be very good conversion characteristics in rotary and flat-bed. 	16.0 ± 3.5	≥ 12.0	-10 °C	-40 °C	60 °C	FDA 175.105



HOTMELT LABELS GUIDELINE



PAPER

ITEM	APPLICATION	ADHESIVE PERFORMANCE					COMPLIANCE
		Initial Tack FTM9 on SS (N/25mm)	Adhesion FTM1 on SS (N/25mm)	Min. Application Temperature	Min. Service Temperature	Max. Service Temperature	
ART PAPER LABEL							
PA1-21NHM	<ul style="list-style-type: none"> Product labeling application is suitable for a wide range of promotional label applications. Suitable for a wide variety of substrates, such as paper, cardboard and plastics substrates. Good performance at chill temperatures. The product is designed to have excellent conversion characteristics in both rotary and flat-bed applications. 	20.0 ± 3.5	≥ 18.0	0 °C	-30 °C	60 °C	FDA 175.105
PA1-30NHM	<ul style="list-style-type: none"> Product labeling application is suitable for a wide range of promotional labels applications. Suitable for a wide variety of substrates, such as paper, cardboard, plastics substrates. Good performance at chill temperatures. The product is designed to be very good conversion characteristics in flat-bed. 	20.0 ± 3.5	≥ 18.0	0 °C	-30 °C	60 °C	FDA 175.105
CAST COATED PAPER LABEL							
PM1-12PHM	<ul style="list-style-type: none"> This appealing gloss appearance paper has the quality to provide great printing quality in all standard printing techniques. Typical applications include labels for use in the industrial labels, cosmetic, pharmaceutical, food industry, chemical products and promotional labels. 	18.0 ± 3.5	≥ 20.0	0 °C	-30 °C	60 °C	FDA 175.105
MCL-YHM	<ul style="list-style-type: none"> This appealing gloss appearance paper has the quality to provide great printing quality in all standard printing techniques. Typical applications include labels for use in the industrial labels, cosmetic, pharmaceutical, food industry, chemical products and promotional labels. 	18.0 ± 3.5	≥ 20.0	0 °C	-30 °C	60 °C	FDA 175.105
HMCL-AG-WHM-S	<ul style="list-style-type: none"> This product design for low surface energy, rough substrates which good performance at low temperatures. 	30.0 ± 3.5	≥ 35.0	0 °C	-30 °C	60 °C	FDA 175.105
WOOD FREE PAPER LABEL							
PL-GRHM	<ul style="list-style-type: none"> This product is excellent for a wide range of promotional and industrial labels whereby multicolour print quality which good performance at low temperatures. The product is designed to have excellent flat-bed conversion characteristics. 	18.0 ± 3.5	≥ 18.0	0 °C	-30 °C	60 °C	FDA 175.105
HPL-WHM	<ul style="list-style-type: none"> This product is excellent for a wide range of promotional and industrial labels whereby multicolour print quality which good performance at low temperatures. The product is designed to have excellent flat-bed conversion characteristics. 	18.0 ± 3.5	≥ 18.0	0 °C	-30 °C	60 °C	FDA 175.105

HOTMELT LABELS GUIDELINE

**BEST
SELLER!**

VARIABLE

ITEM	APPLICATION	ADHESIVE PERFORMANCE					COMPLIANCE
		Initial Tack FTM9 on SS (N/25mm)	Adhesion FTM1 on SS (N/25mm)	Min. Application Temperature	Min. Service Temperature	Max. Service Temperature	
HTMLN-WHM	<ul style="list-style-type: none"> Eco thermal paper for barcode product labeling applications such as industrial labelling, distribution and logistics labels. Excellent initial tack and adhesion on a variety of substrates. Good performance at chill temperatures. 	18.0 ± 3.5	≥ 18.0	0 °C	-30 °C	60 °C	FDA 175.105
HTMLS-WHM	<ul style="list-style-type: none"> Top coated thermal paper whereby for thermal printing system, suitable for barcode product labeling applications which are for all printability and high quality label applications. Excellent performance at low temperatures, as well as chemical resistance. 	18.0 ± 3.5	≥ 18.0	0 °C	-30 °C	60 °C	FDA 175.105
HTMFL#80-WHM -FZ	<ul style="list-style-type: none"> Top coated thermal film. Excellent freezing performance, provides moisture resistance after application on a dry surface is important e.g. labelling frozen food packages. The product is designed to be use in thermal printing system which very good conversion characteristics in both rotary and flat-bed. 	16.0 ± 3.5	≥ 12.0	-10 °C	-40 °C	60 °C	FDA 175.105

A GREAT CHOICE
FOR **COLD TEMPERATURE**
APPLICATIONS WITH
HIGH ADHESION AND
GOOD RESISTANCE
TO MOISTURE.





LIFESTYLE SOLUTIONS

WE ARE THE LEADING
RAW MATERIAL SUPPLIER
OF CONSUMER AND
INDUSTRIAL PRODUCTS

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