

Wide Format Guide

About 3 Sigma

Established in 1980, 3 Sigma is a fast-growing innovator of pressure sensitive adhesive coated products. 3 Sigma uses its solvent, emulsion and hot melt technology expertise to produce specialty or complex adhesive constructions at our facility in Troy, Ohio. Our flexibility, creativity, market experience and unique product commercialization approach enables us to create higher margin, innovative products for our customers, helping them to capture market opportunities, reduce waste and production costs, and increase output.



A Proven Approach

Research and Development of custom adhesives and top coats for highly specialized pressure sensitive products is our specialty. Our solvent, emulsion and hot melt chemistry and manufacturing capabilities are utilized every day to create unique, value-added products for our customers that add directly to their bottom line. 3 Sigma's research and development personnel have worked in large multi-national corporations and follow a unique, collaborative approach when working with customers and strategic partners, ensuring alignment and a superior customer experience.

3 Sigma llc.

Envisioning Endless Possibilities

Signature Terms & Conditions



Innovative,
Creative,
Reliable,

Established in 1980, 3Sigma is a rapidly growing resourceful innovator of unique pressure sensitive coated and laminated products. 3Sigma utilizes its Solvent, Emulsion and Hot-Melt technology to produce specialty or complex adhesive constructions at our 85,000 sq. ft. facility in Troy, Ohio. 3Sigma's commitment to you, our customer, is to continuously seek ways to address and improve your critical business needs: speed of commercialization, increased product performance and overall product quality. Our experienced team has the necessary expertise to consistently produce superior products that meet your critical requirements. Our knowledgeable Customer Service and Technical Associates will work collaboratively with you to develop and manufacture a custom "Fit for Use" product specific to your application. 3Sigma is an ISO 9001-2015 certified company demonstrating high levels of quality and consistent process. Since our start in 1980, our team has continued to refine our materials and process technologies to provide our customers with a level of service that is unmatched by our competition. 3Sigma offers an extensive line of proprietary products extending into various markets and industries. 3Sigma's key markets served are: Business Forms, Food & Beverage, Health and Beauty, Industrial, Security & Tamper Evident, Graphics, and Toll Coating. In summary, 3Sigma is one of the most versatile manufacturers within the Pressure Sensitive Industry and our team looks forward to becoming your solutions provider.

Thank You !!

1. **PRICE.** Orders are accepted only on the basis of prices in effect at the time of purchase. Prices are subject to change without notice. Prices are subject to all applicable Federal, State or Local Taxes.
2. **TERMS.** Invoices are payable on standard terms. By accepting delivery of goods, Buyer agrees to pay the invoiced cost of those goods, and agrees to be bound to these contract terms. A 1.5% monthly fee may be assessed on all invoices over 30 days.
3. **FREIGHT AND RISK LOSS.** Buyer shall accept the goods F.O.B. Shipping Point. Freight charges are prepaid and invoiced unless arrangements are made at the time of order. All expenses and risk of loss for any damages incurred in the transportation of goods, including but not limited to any risk, of loss of loading and unloading, shall be born solely by Buyer. All Claims for loss, damage, or delay against the carrier must be made by the Buyer.
4. **RETURNS.** Only merchandise returned with the proper return authorization form will be accepted.
5. **WARRANTY.** All material descriptions and product information is believed to be accurate and reliable. All products are sold with the understanding that the Buyer will independently determine the suitability of each construction for the application for which it was purchased.

3Sigma products are manufactured to meet all written specifications and are warranted to be free from defects. If at anytime within 180 days from the date of sale, any material shown to be defective (under recommended dry storage conditions of 50° F to 80° F), will be replaced without charge or a credit will be issued for the cost of the defective material. In no event will 3Sigma assume responsibility for claims of any kind beyond replacement of credit for the product sold.

No salesperson, representative or agent of 3Sigma is authorized to give any warranty or guarantee, or to make any representation in addition or contrary to the foregoing. All orders are subject to acceptance by 3 Sigma LLC. Troy, Ohio.

Intermediate Vinyls

In addition to our custom films products; 3Sigma also utilizes the expertise of our suppliers in the industry. We stand ready to produce customized products with a wide variety of raw materials to meet your needs. You also have access to are expertise in coating many non-standard paper hybrids. Specialty textured cover stocks, tinted stocks, high end packaging and merchandising materials all fit the core competencies of 3Sigma. From highly specialized wine or beverage labels to complex construction packaging, let 3Sigma discuss our endless construction options available to you.

- Suede/Leather Feel & Look
- “Soft” Touch Matte
- Color Tinted & Textured Paper
- Color Tinted & Textured Tyvek
- Flocked Velvet Feel Paper
- Deckled Edge Paper

(All Specialty Paper will have a minimum order requirement& subject to change)

Product Code	Description	Adhesive	Liner	Finish	Width
IV-9109-3S	3.4 MIL MATTE WHITE INTERMEDIATE FLEXIBLE VINYL WITH LOW PEEL REMOVABLE ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	RE3	90#	MATTE	54"
IV-9444-3S	3.4 MIL MATTE WHITE INTERMEDIATE FLEXIBLE VINYL WITH HIGH TAC PERMANENT ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	SP56	90#	MATTE	54"
IV-9095-3S	3.4 MIL MATTE WHITE INTERMEDIATE FLEXIBLE VINYL WITH REMOVABLE ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	RE5	90#	MATTE	54"
IV-9910-3S	3.4 MIL MATTE WHITE INTERMEDIATE FLEXIBLE VINYL WITH HIGH BOND PERMANENT BLOCK OUT ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	SP59 BO	90#	MATTE	54"
IV-9909-3S	3.4 MIL MATTE WHITE INTERMEDIATE VINYL WITH HIGH BOND PERMANENT ACRYLIC BLOCK OUT ADHESIVE ON 78# STAY FLAT LINER	SP59 BO	78#	MATTE	54"
IV-7834-3S	3.4 MIL MATTE WHITE INTERMEDIATE FLEXIBLE VINYL WITH GENERAL PURPOSE PERMANENT ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	PE3	90#	MATTE	54"
IV-7836-3S	3.4 MIL GLOSS CLEAR INTERMEDIATE FLEXIBLE VINYL WITH LOW PEEL REMOVABLE ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	SR5	90#	GLOSS	54"
IV-0110-3S	3.4 MIL GLOSS CLEAR INTERMEDIATE FLEXIBLE VINYL WITH LOW PEEL REMOVABLE ACRYLIC ADHESIVE ON 90# AIR EGRESS LINER	RE3	90# AE	GLOSS	54"
IV-7833-3S	3.4 MIL GLOSS CLEAR INTERMEDIATE FLEXIBLE VINYL WITH GENERAL PURPOSE PERMANENT ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	SP1	90#	GLOSS	54"
IV-1271-3S	3.4 MIL GLOSS WHITE INTERMEDIATE FLEXIBLE VINYL WITH PERMANENT ACRYLIC BLOCK OUT ADHESIVE ON 90# STAYFLAT LINER	SP8 BO	90#	GLOSS	54"
IV-7837-3S	3.4 MIL GLOSS WHITE INTERMEDIATE FLEXIBLE VINYL WITH LOW PEEL ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	RE3	90#	GLOSS	54"
IV-9096-3S	3.4 MIL GLOSS WHITE INTERMEDIATE FLEXIBLE VINYL WITH GENERAL PURPOSE ACRYLIC ADHESIVE ON 90# STAYFLAT LINER	PE3	90#	GLOSS	54"

Premium Vinyls

Product Code	Description	Adhesive	Liner	Finish	Width
PV-2376-3S	3.4 MIL MATTE WHITE PREMIUM FLEXIBLE VINYL WITH PREMIUM HIGH PERFORMANCE PERMANENT ACRYLIC BLOCK OUT ADHESIVE ON 90# STAYFLAT LINER	SP58 BO	90#	MATTE	54"
PV-9913-3S	3.4 MIL MATTE WHITE PREMIUM FLEXIBLE VINYL WITH LOW PEEL REMOVABLE BLOCK OUT ACRYLIC ADHESIVE ON 90# SMALL CHANNEL AIR EGRESS LINER	SR8 BO	90# AE	MATTE	54"



BRIGHT/BRUSHED METALLIZED PET
VOID PET
SILVER HIGH GLOSS PET
SILVER VOID PET
DUAL COLORED VOID
TRANSPARENT COLOR PET COLOR LASER
WHITE MATTE INKJET PET
WHITE/BLACK GLOSS PET
CLEAR INVISIBLE VOID TC PET
CLEAR/WHITE HEAT STABILIZED PET
CUSTOMIZED WATERMARK PET
SOLVENT/SCUFF RESISTANT PET
SOFT FEEL COATING
INDIGO TOP COATING
BARRIER COATED FILM
CORROSION RESISTANT COATING
MOISTURE BARRIER COATING
BIODEGRADABLE

(This list does not represent all available inventory & is subject to change)

Signature Adhesive Reference Chart

Signature Overlaminates

Premium Permanent	
SP5	Premium Permanent, moderate tack, good low surface energy adhesion
SP9	Black Premium Permanent, balanced properties
SP25	Premium Permanent, moderate tack, good low surface energy adhesion
SP50	White Premium Permanent, high tack, excellent added opacity
SP58	Gray Premium Permanent, balanced properties
SP56	Premium Permanent, high tack, excellent low surface energy adhesion, good low temperature adhesion
LSE	Premium Permanent, high tack, excellent low surface energy adhesion, good low temperature adhesion
HP1	High Performance Permanent, balanced properties, excellent heat resistance, resistance to wide range of chemicals
HP2	High Performance Permanent, high peel, quick tack, resistance to a wide range of chemicals
HPLSE	High Performance Permanent, high tack, excellent heat resistance, excellent low surface adhesion, resistance to wide range

Permanent	
PE3	Permanent, balanced properties, general purpose
PE18	Permanent, high shear, general purpose
PE21	Permanent, high tack, excellent low surface energy adhesion, good low temp adhesion
FGOL	Premium Removable, high peel removable, carpet adhesive, no adhesion build
SP1	General Purpose, balanced properties, good heat resistance, general purpose

Removable	
RE3	Removable, low tack, no adhesion build
RE5	Removable, moderate tack, stable peel

Premium Removable	
SR1	Premium Removable, moderate tack, smooth peel, resistant to heat, no adhesion build
SR5	Premium Removable, low tack, resistant to heat, no adhesion build
FG1	Premium Removable, low tack, resistant to heat, wet apply, clean removability, no adhesion build, floor graphics

Overlaminates

Product Code	Description	Adhesive	Liner	Finish	Width
OL-7844-3S	3.5 MIL GLOSS CLEAR INTERMEDIATE FLEXIBLE VINYL WITH PERMANENT ACRYLIC ADHESIVE ON 50# GLASSINE LINER	SP1	50#	GLOSS	54"
OL-7835-3S	3.5 MIL MATTE CLEAR INTERMEDIATE FLEXIBLE VINYL WITH PERMANENT ACRYLIC ADHESIVE ON 50# GLASSINE LINER	SP1	50#	Matte	54"
OL-8213-3S	3.5 MIL LUSTRE CLEAR INTERMEDIATE FLEXIBLE VINYL WITH PERMANENT ACRYLIC ADHESIVE ON 50# GLASSINE LINER	SP1	50#	LUSTRE	54"
OL-8621-3S	5 MIL TEXTURED EMBOSSED VINYL WITH PERMANENT ACRYLIC ADHESIVE ON 40# LINER	SP1	40#	TEXTURED	54"
OL-9829-3S	3.75 MIL TEXTURED CLEAR PROPYLENE WITH PERMANENT ACRYLIC ADHESIVE ON 40# LINER	SP1	40#	TEXTURED	54"
OL-1936-3S	1.0 MIL CLEAR POLYESTER WITH PERMANENT ACRYLIC ADHESIVE ON 40#LINER	SP1	40#	CLEAR	54"
OL-7845-3S	1.0 MIL CLEAR POLYESTER WITH PERMANENT ACRYLIC ADHESIVE ON 1.2 MIL PET LINER	SP1	1.2PET	CLEAR	54"
OL-9402-3S	2.0 MIL CLEAR POLYESTER WITH PERMANENT ACRYLIC ADHESIVE ON 1.2 MIL PET LINER	SP1	1.2 PET	CLEAR	54"
OL-0101-3S	1.0 MIL CLEAR "DRY ERASE" PROPYLENE WITH PERMANENT ACRYLIC ADHESIVE ON 50# LINER	SP1	50#	CLEAR	54"



Mounting Films

Product Code	Description	Adhesive	Liner	Finish	Width
MFS-9188-3S	1.0 MIL CLEAR POLYESTER WITH LOW PEEL REMOVABLE ACRYLIC ADHESIVE ON ONE SIDE & PERMANENT ACRYLIC ADHESIVE ON THE OTHER ON 60# C2S LINER -DIFFERENTIAL RELEASE	SR5/SP1	60# DIFF	NA	54"
MFS-9324-3S	1.0 MIL CLEAR POLYESTER WITH PERMANENT ACRYLIC ADHESIVE ON BOTH SIDES ON 1.2 PET/1.2 PET LINERS	SP1/SP1	1.2PET/1.2PET	NA	54"
MFS-0257-3S	2.0 MIL CLEAR PROPYLENE WITH HIGH TACK PERMANENT ACRYLIC ADHESIVE ON BOTH SIDES ON 60# CS2 LINER-DIFFERENTIAL RELEASE	SP56/SP56	60# DIFF	NA	54"
MFS-3066-3S	1.0 MIL BLACK BLOCKOUT - ANYTIME BLOCKOUT WITH BLACK PERMANENT ADHESIVE ON BOTH SIDES ON 40# AND 1.2 MIL PET LINERS	SP9/SP9 BO	40#/1.2PET	NA	54"
MFS-0312-3S	2.0 MIL WHITE PROPYLENE WITH HIGH TACK PERMANENT ON BOTH SIDES ON 60# C2S LINER - DIFFERENTIAL RELEASE	SP56/SP56	60# DIFF	NA	54"
MFS-9498-3S	3.4 MIL MATTE WHITE INTERMEDIATE FLEXIBLE VINYL CLEAR WITH LOW PEEL REMOVABLE ACRYLIC ADHESIVE ON ONE SIDE AND PERMANENT ADHESIVE ON THE OTHER ON 60# C2S LINER - DIFFERENTIAL RELEASE	SR1/SP1	60# DIFF	NA	54"

CUSTOM FORMULATIONS

The versatility of our company allows us to offer you more design options, quicker production, and the opportunity to grow through diversification and speed of service. The key to our success is to be more innovative than our competition. 3Sigma helps our customers achieve this through formulating custom constructions based on market and application expertise. Our team works collaboratively to formulate a product "Fit For Use" ensuring optimal product performance.

