



OVERLAMINATES

Product Catalog



STA Corporate Profile



Founded in 1976, STA pioneered high quality pressure sensitive tapes.

Self wound overlaminating products were introduced to the label industry along with a strong comprehensive line of dependable functional packaging tapes. Today, STA is proud to be US owned and manufacturing in the USA. Products include a broad line of pressure sensitive high performance acrylic carton sealing, industrial and specialty tapes along with a full line of the highest quality BOPP and PET overlaminates the market has to offer.

Our overlamination line includes SuperClear, the “No Label look”; the ever more popular Matte – now available in various lighter weights; Thermal Transfer Printable BOPP and PET and much more. The coating and finishing facility in Rogersville, TN features state of the art coating and finishing equipment 80 inches wide. Our nationwide network of distribution centers and world wide partners make STA product readily available for delivery.

Why STA Water-based Acrylic Products?

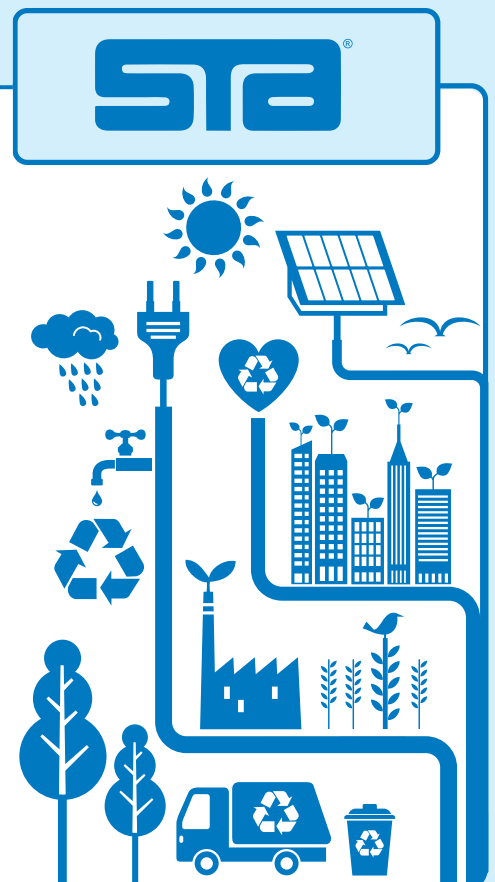
- Solvent-free
- Low-volatile organic compounds
- Non-toxic
- Low odor
- RoHS compliant
- CONEG compliant

Our Commitment to Green Manufacturing

STA has evolved into one of the world’s largest manufacturers of emulsion acrylic packaging tapes and overlamination films. We are committed to protecting the world we live in by helping to prevent pollution, and guarantee it as an integral part of our philosophy.

We produce premium quality products while minimizing the impact on life and the environment. Under strict corporate guidelines, we implement green procurement programs to ensure the materials used are environmentally friendly.

- Environmentally-Conscious Design and Technical Development
- STA Green procurement Program
- Maximize the Use of Renewable Resources
- Low Emission from Production Plants
- Energy-Saving in Production Processes
- Maximization of Chemical Substance Risk



Why STA Overlaminates?

→ A Variety of Choices

In order to meet today's creative application requirements, STA offers products in many finishes and thicknesses with a variety of film substrates, release coatings, adhesives and liners. If you have any applications that require unique, demanding laminating solutions, we can help. We can also customize our products to meet your special application needs.

→ Maximum Efficiency

With STA Overlaminates, which do not occupy an ink station as with UV varnishes, you can maximize the color printing capability of your press to its full potential. Furthermore, your vivid, colorful prints will be made even more appealing and securely protected by STA Overlaminates.

→ Clean and Productive Lamination Option

Unlike other laminating technologies, STA Overlaminates allow for faster production change-over: no lengthy set-up time and messy cleanup are required. They are easy to use and convert. We use specially formulated STA water-based acrylic adhesive to ensure the absence of unpleasant fumes during production runs. There is no liner, which reduces the cost of waste disposal and eliminates an entire step in the overall process.

→ Exceptional Value

STA Overlaminates add thickness, body and beauty to labels, enabling you to down-gauge costly label stocks while providing a premium look and feel to different materials.

→ Superior Protection

Harsh environments can damage labels and tags, especially during transit. STA Overlaminates provide a strong, long-lasting barrier that protects printed information and graphics from being smeared and scratched. They also protect your material from harmful UV rays, moisture, dirt and chemicals. STA Overlaminates effectively prevent tears and breakage by adding strength to a variety of substrates.

→ Reliable Service

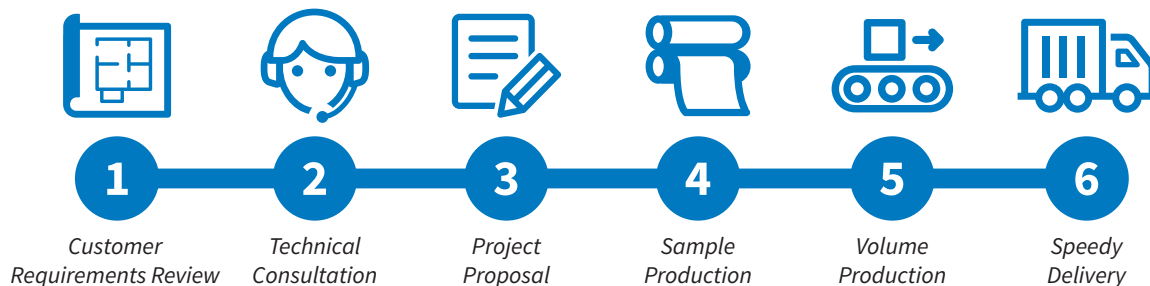
STA ensures a consistent and dependable supply. STA has two manufacturing plants strategically located in the United States. All of our products, including custom-slit sizes, are shipped from our five distribution centers within 24 to 48 hours.

Turning Your Special Needs Into Special Products

STA offers "STA Custom Solutions", a custom product development and production program. STA's superior technology and experience allow us to provide the optimal solution for your specific application requirements.

Our team of specialists with extensive knowledge of pressure sensitive products is committed to bringing you the highest level of customer service, technical support, speedy delivery and guaranteed satisfaction.

STA Custom Solutions - Project Management



POLYPROPYLENE

Standard

Strong biaxially oriented polypropylene with STA water-based acrylic adhesive is best suited for a variety of light-duty applications. Helps improve label strength while offering enhanced gloss and clarity. Excellent moisture, abrasion and chemical resistance.

TESTING METHOD	Total Thickness (Mil) (Micron)	Film Thickness (Mil) (Micron)	Tensile Strength (Lbs/In)	Elongation (%)	Peel Adhesion (Oz/In)	Min/Max Application Temp. (°F)	Min/Max Operation Temp. (°F)	FDA Indirect Food Contact Compliance*
			PSTC-131/ ASTM D3759	PSTC-131/ ASTM D3759	PSTC-101/ ASTM D3330			
1194 SUPER THIN	0.95 24	0.70 18	14	140	10	32 to 140	-10 to 200	Yes
1200 STANDARD	1.10 28	0.80 20	16	140	11	32 to 140	-10 to 200	Yes
1205 OPTICALLY CLEAR	1.30 33	1.00 25	20	150	13	32 to 140	-10 to 200	Yes

Standard provides maximum protection from moisture and other elements.



Super Clear

A super clear biaxially oriented polypropylene and STA crystal clear waterbased acrylic adhesive combination is highly appropriate for metallic and clear-on-clear “no label” look film applications. Prevents the formation of “fish eyes” and “bruise lines” when laminated to film substrates. Renders foil and other metallic substrates tear-resistant. Excellent moisture, abrasion, chemical and oil resistance.

1261 SUPER CLEAR	1.30 33	1.00 25	25	185	11	32 to 140	-10 to 200	Yes
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Super Clear 1261 provides excellent clarity.



Reinforcement

Strong biaxially oriented polypropylene with STA water-based acrylic adhesive is ideal for edge and hole reinforcement applications. It can also be used for a variety of other applications where greater thickness is required. Excellent moisture, abrasion and chemical resistance.

1211 STANDARD	1.60 40	1.00 25	21	160	17	32 to 140	-10 to 200	Yes
1218 INDUSTRIAL	1.80 45	1.00 25	21	160	20	32 to 140	-10 to 200	Yes



0.5L CARBONATED FLAVOR SOFT DRINK

FRESH GRAPEFRUIT

CARBONATED FLAVOR SOFT DRINK

0.5L CARBONATED

LAW



POLYPROPYLENE

Heavy-Duty

Heavy-duty biaxially oriented polypropylene with STA water-based acrylic adhesive is suitable for demanding applications such as booklet labels, tabs and tags. It adds thickness, durability, rigidity, tear-resistance and edge reinforcement. It also provides excellent moisture, abrasion, chemical and oil resistance.

TESTING METHOD	Total Thickness (Mil) (Micron)	Film Thickness (Mil) (Micron)	Tensile Strength (Lbs/In)	Elongation (%)	Peel Adhesion (Oz/In)	Min/Max Application Temp. (°F)	Min/Max Operation Temp. (°F)	FDA Indirect Food Contact Compliance*
			PSTC-131/ ASTM D3759	PSTC-131/ ASTM D3759	PSTC-101/ ASTM D3330			
1225 STANDARD	2.00 51	1.20 30	24	160	22	32 to 140	-10 to 200	Yes
1249 INDUSTRIAL	2.40 61	1.38 35	28	160	24	32 to 140	-10 to 200	Yes
1539 PREMIUM	3.10 78	2.00 21	30	180	28	32 to 140	-10 to 200	Yes

- Protects labels' information from scratching and fading.
- Adds rigidity and durability to tabs and other stationery.

Matte

Matte biaxially oriented polypropylene with STA water-based acrylic adhesive is ideal for non-reflective surface applications that enables efficient barcode scanning. It is also ballpoint pen writable. Adds a soft, frosted look for an aesthetic "shelf appeal". Excellent moisture, abrasion and chemical resistance.

1106 SUPER THIN	0.95 24	0.70 18	13	140	10	32 to 140	-10 to 200	Yes
1206 STANDARD	1.50 38	1.20 30	26	210	12	32 to 140	-10 to 200	Yes
1214 INDUSTRIAL	2.00 51	1.20 30	26.5	210	20	32 to 140	-10 to 200	Yes

- The 1106 is the thinnest matte overlamine in the industry.
- Adds a soft, sophisticated appearance for "shelf appeal".

Thermal Transfer Printable

STA's series of thermal transfer printable overlaminates add variable information print functionality to primary labels. They are designed with a specially modified back-side surface to facilitate excellent printability. The printed results are consistently sharp and bold when used with a variety of ribbons. They protect tags and labels from abrasion, wear-and-tear and harmful environmental agents.

1132 SUPER THIN CLEAR TTP BOPP	0.95 36	0.70 18	14	140	10	32 to 140	-10 to 200	Yes
1232 STANDARD MATTE TTP BOPP <i>Ideal for use with wax/ resin ribbons</i>	1.50 38	1.20 30	26	220	13	32 to 140	-10 to 200	Yes

- Thermal transfer printable is ideal for pre-printed labels requiring variable information.
- The 1132 work with more ribbons for excellent printing, thus providing reliable readability.

POLYPROPYLENE

SILICONE RELEASE COATED

Silicone release coated polypropylene with STA water-based acrylic adhesive is ideal for overlay and labels with extended information, tags and a variety of other applications. It also provides a quiet unwind and smooth surface. Protects from moisture, abrasion and chemicals while offering excellent clarity and resistance to UV light.

TESTING METHOD	Total Thickness (Mil) (Micron)	Film Thickness (Mil) (Micron)	Tensile Strength (Lbs/In)	Elongation (%)	Peel Adhesion (Oz/In)	Min/Max Application Temp. (°F)	Min/Max Operation Temp. (°F)	FDA Indirect Food Contact Compliance*
			PSTC-131/ ASTM D3759	PSTC-131/ ASTM D3759	PSTC-101/ ASTM D3330			
8130 SUPER SMOOTH EASY RELEASE	2.00 51	1.20 30	24	160	22	32 to 140	-10 to 200	No
8133 SUPER SMOOTH MEDIUM RELEASE	1.90 48	1.20 30	24	170	19	32 to 140	-10 to 200	No
8150 SUPER SMOOTH EASY RELEASE	2.80 70	2.00 51	30	180	23	32 to 140	-10 to 200	No

Silicone release coating provides smooth, clean substrate removal for label overlay applications.



POLYESTER

UL RECOGNIZED/THERMAL TRANSFER PRINTABLE

The 1432 is a standard clear polyester with thermal release printable coating and STA water-based acrylic adhesive construction. It is recognized as a component under UL classification #969, offers excellent clarity and resistance to UV light, abrasion, dirt, grease and occasional exposure to water. Its thermal imprintable release coating allows for printing of variable information and is compatible with most resin ribbon formulations.

1432 STANDARD CLEAR UL RECOGNIZED TTP PET	1.40 36	0.92 23	25	160	14	32 to 150	-30 to 300	No
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Ideal for use with resin ribbons

The 1432 is a TTP polyester clear overlamine and ideal for use with resin ribbons. The 1432 is also UL classification #969 recognized.



ROHS COMPLIANCE

1432 meets RoHS (the Restriction of the use of certain Hazardous Substances in electrical and electronic equipment) directive for lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

Note: Above figures are only measurements. The values are not guaranteed. We recommend the end user test with their printer and ribbon.





KETCHUP
TOMATO
TRADITIONAL SEASONING
350ml e 350 g

0.5L CARBONATED FLAVOR SOFT DRINK
COLA
DRINK

TOP QUALITY SINCE 1869

SPRING WATER
NATURAL MINERAL WATER

GREEN TEA
PURE

TOP QUALITY SINCE 1869
JUSTA
CLASS

NATURAL INGREDIENTS
SUN SCREEN
HIGH PROTECTION
SPF **30+**
Extra light, even also
2 hours water resistant
UVA + UVB protection
250ml e 8.45 fl.oz.

Supplement Facts

Serving Size 1 Capsule	
Amount Per Serving	
Total Weight	100 mg
Total Protein	10 mg
Total Fat	5 mg
Total Carbohydrate	10 mg
Total Sugar	5 mg
Total Fiber	5 mg
Total Iron	5 mg
Total Calcium	5 mg
Total Magnesium	5 mg
Total Zinc	5 mg
Total Selenium	5 mg
Total Vitamin A	5 mg
Total Vitamin B1	5 mg
Total Vitamin B2	5 mg
Total Vitamin B3	5 mg
Total Vitamin B6	5 mg
Total Vitamin B12	5 mg
Total Vitamin C	5 mg
Total Vitamin E	5 mg
Total Vitamin K	5 mg
Total Folate	5 mg
Total Biotin	5 mg
Total Inositol	5 mg
Total Choline	5 mg
Total Omega-3	5 mg
Total Omega-6	5 mg
Total Omega-9	5 mg
Total Omega-11	5 mg
Total Omega-12	5 mg
Total Omega-13	5 mg
Total Omega-14	5 mg
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Total Omega-26	5 mg
Total Omega-27	5 mg
Total Omega-28	5 mg
Total Omega-29	5 mg
Total Omega-30	5 mg

Product and Slitting Program Guide

Product Number	Description	Total Thickness: Mil (Micron)	Film Thickness: Mil (Micron)	Slitting Program	Features
Polypropylene: Standard					
1194	Super Thin	0.95 (24)	0.70 (18)	Quick Cut	A low cost option designed to provide moisture resistance, abrasion protection, improved label strength and enhanced gloss.
1200	Standard	1.10 (28)	0.80 (20)	Quick Cut	The industry standard for self-wound with a proven history of quality, consistency and superior performance.
1205	Optically Clear	1.30 (33)	1.00 (25)	Quick Cut	This premium adhesive provides improved wet-out and superior quality on jobs with heavy ink coverage and clear-on-clear applications.
Polypropylene: Super Clear					
1261	Super Clear	1.30 (33)	1.00 (25)	Master Cut	Prevents “fish eyes” and “bruise lines” when laminated to film substrates. It is for metallic and clear-on-clear “no label look” applications.
Polypropylene: Reinforcement					
1211	Standard	1.60 (40)	1.00 (25)	Master Cut	The thicker construction is perfect for edge protection and hole reinforcement. The heavier coat weight provides superior bond to difficult surfaces.
1218	Industrial	1.80 (45)	1.00 (25)	Master Cut	Similar to 1211, yet provides even more adhesive.
Polypropylene: Heavy-Duty					
1225	Standard	2.00 (51)	1.20 (30)	Master Cut	Developed to add rigidity to labels for more consistent dispensing properties.
1249	Industrial	2.40 (61)	1.38 (35)	Master Cut	A multi-functional overlam that is used to add thickness, durability, rigidity, tear-resistance and reinforcement.
1539	Premium	3.10 (78)	2.00 (51)	Master Cut	A cost effective way to add thickness and stiffness to tag or label applications where durability and dispensability are a must.
Polypropylene: Matte					
1106	Super Thin	0.95 (24)	0.70 (18)	Quick Cut	This low cost non-reflective surface overlam creates labels with a softer look and feel. It provides moisture abrasion, chemical, UV and oil resistance.
1206	Standard	1.50 (38)	1.20 (30)	Quick Cut	The non-reflective surface is ideal for barcode scanning and softer, frosted looks for aesthetic shelf appeal. It can also take ballpoint pen writing.
1214	Industrial	2.00 (51)	1.20 (30)	Master Cut	Similar to 1206, but with heavier adhesive coating.
Polypropylene: Thermal Transfer Printable					
1132	Standard Clear TTP BOPP	0.95 (24)	0.70 (18)	Quick Cut	Works with more ribbons for excellent printing. Provide excellent print quality with most manufacturers’ ribbons regardless of ribbon type.
1232	Standard Matte TTP BOPP	1.50 (38)	1.20 (30)	Quick Cut	Adds variable print functionality with sharp and consistent results. Ideal for use with wax/resin combo ribbons.
Polyester: UL Recognized / Thermal Transfer Printable					
1432	Standard Clear TTP PET	1.40 (36)	0.92 (23)	Master Cut	Designed with a specially formulated thermal release coat for excellent printability and this product is UL recognized. Ideal for use with resin ribbons.
Polypropylene: Silicone Release Coated					
8130	Super Smooth Easy Release	2.00 (51)	1.20 (30)	Master Cut	Ideal for overlay and labels with extended information, tags and a variety of other applications. It provides quiet unwind and a smooth surface.
8133	Super Smooth Medium Release	1.90 (48)	1.20 (30)	Master Cut	Ideal for overlay and labels with extended information, tags and a variety of other applications. It provides quiet unwind and a smooth surface.
8150	Super Smooth Easy Release	2.80 (70)	2.00 (51)	Master Cut	Ideal for overlay and labels with extended information, tags and a variety of other applications. It provides quiet unwind and a smooth surface.

Thickness figures are only measurements: their values are not guaranteed.

Slitting Program Descriptions

Quick Cut: No web requirement when ordering standard length rolls.

Master Cut: Full web is required. Master widths vary by product. Please call for more details.

Note: If in-stock rolls are available, there are no program requirements. Please call to check availability.



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NOTE.:

The information listed in this STA Product Catalog has been obtained from controlled laboratory tests and is reliable, but should not be used for the purpose of writing specifications. It is offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. It is recommended that the prospective user determine their suitability before adapting them on a commercial scale.