



# PRODUCT GUIDE

## THE GUARANTEE EDITION

Featuring Our  
Guaranteed In-Stock Products for:

Assembly

Bonding

Masking

Splicing

STM delivers **custom ideas**,  
industry **leading expertise**,  
and **popular products**.

# STM Product Range

CATEGORY	ORDER PROCESS	MOQ
STM Guaranteed Tapes	Standard Order Process	One case/log and greater than \$249
STM Non-Stock Catalog Tapes	Standard Order Process	One case/log and greater than \$249
STM Special Tapes	Order Entered with MOQ	Single coated tapes 8,000 sq yards Double coated tapes 4,000 sq yards (some exceptions may apply)
STM Custom Tapes	Custom Tape Program	TBD

## STM Tapes at a Glance.

### STM GUARANTEED TAPES “G”

Full-case/log orders that meet the \$250 minimum will be entered via standard order process. Lead time is up to 10 days for standard lengths, and pricing is determined via the STM Price List.

### STM NON-STOCK CATALOG TAPES

Full-case/log orders that meet the \$250 minimum will be entered via standard order process. Lead time is up to 30 days for standard lengths, and pricing is determined via the STM Price List.

STM GUARANTEED TAPES	
Single-Coated	Double-Coated
S502GY S1032 S291BL S293YL S294BL S295 S295L S599RD S768O S7700 S913 S945RD	D1100 D1104(ATG) D2525 D293YL D644 D670 D739 D786 D969PK D991(ATG)

STM NON-STOCK CATALOG TAPES	
Single-Coated	Double-Coated
S1032RD S1199 S192 S193PU S292PK S299 S4863 S56 S633 S791 S922 S998GR S768OAS (S2210)	D1108 D2526 D347 D513

STM CUSTOM TAPES	
For any custom tape needs, contact your STM Representative. Call 800-545-8273 for more information.	

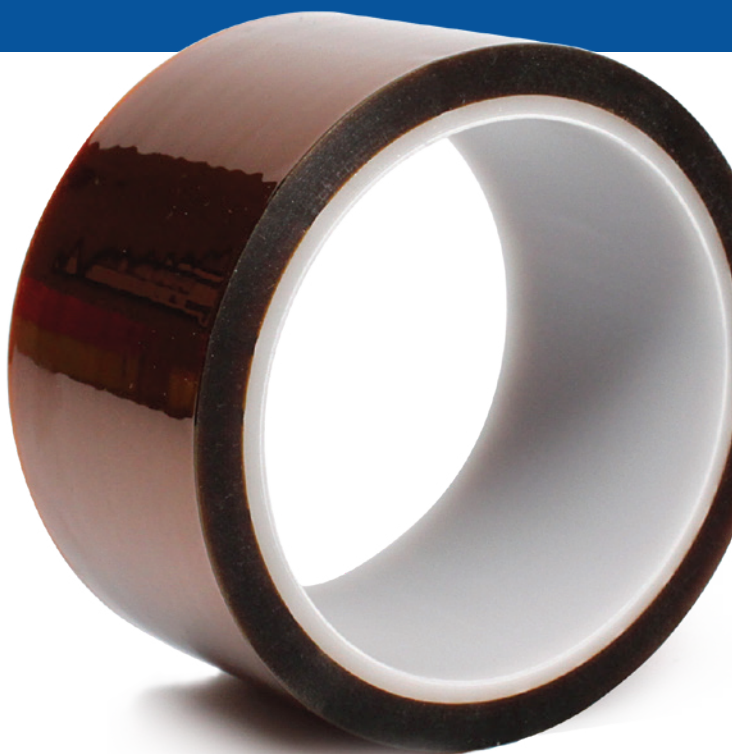
LEAD TIME	PRICING	CATALOG	FULL YIELD SHIP POLICY
Up to 10 days (on standard length and standard core)	Price List	Yes	+/-0%
Up to 30 days (on standard length and standard core)	Price List	Yes	+/-10%
Up to 60 days	Contract	No	+/-25%
TBD	Quote	No	+/-25%

## STM SPECIAL TAPES

Tapes that are not in the catalog which are primarily custom items produced in high volume for one customer. Lead time will be determined by the STM production team. Lead time is up to 60 days, depending on the product. Pricing will be set up through a contract pricing agreement.

## STM CUSTOM TAPES

STM has the expertise to turn ideas into reality and the know-how to manage the development process. We begin with the qualification and work through the process of initial laboratory testing and design, to full-scale trials and final production to design tapes to meet our customer's demands.



# WELCOME TO STM

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## **Welcome to STM's newest Product Guide.**

Every product in this catalog is backed by the STM Guarantee. This catalog was designed to make product selection easy with application reference guides to show you our recommendations for each tape use. The guides are broken into 3 categories: Assembly/Bonding, Masking, and Splicing. Use the guides as a selector tool to see which items are rated good, better, best or not recommended.

Our full-line tape manufacturing facility specializes in optimization of adhesion and cohesion properties to suit a wide variety of processes and needs. These include transfer tapes, single and double-coated tapes with silicone, acrylic, and rubber-based adhesives. Some of the industries that we take pride in serving are: Splicing, Surface Finishing, Industrial Assembly, Aerospace, Electronics, Sealing, Construction and Trades.

This catalog highlights some of our best products with 22 products featured as our top items that are Guaranteed to be in-stock at all times. Look for the “G” after the product family which will indicate that it is Guaranteed. Please refer to the back of this catalog for more information on the STM Guarantee and what that means to you.

Let us bring our expertise in the adhesive industry, partnership programs to help your business grow, American made products, unmatched quality, and unbeatable customer service to you. We have a global reach with a small company attitude. We are glad to have you as a customer and we guarantee total product and service satisfaction.

Single-sided tapes can be found on pages 8-15 and double-sided tapes are on pages 15-20.

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# Assembly & Bonding Charts

G = Good  
Bt = Better

B = Best  
NR = Not Recommended

## Assembly

	Convert/Mount/Signs	Electrical Insulation	Gasket/Fab Assembly	General Purpose	Glass/Metals	Low Energy Surfaces	Paper/Cardboard	Plastics/Vinyl/PVC	POP	Silicone Foams/Rubbers	Wood/Rough Surfaces	Page #
S1032	NR	G	Bt	B	Bt	B	B	B	G	NR	Bt	8
S791	G	G	G	NR	Bt	G	G	Bt	NR	NR	G	8
S922	NR	G	G	NR	Bt	NR	NR	Bt	NR	NR	NR	8
D1100	G	NR	G	B	Bt	G	Bt	G	Bt	NR	NR	17
D1104	B	NR	G	G	G	Bt	B	Bt	Bt	NR	B	17
D1108	Bt	NR	G	B	Bt	NR	Bt	G	Bt	NR	G	19
D2525	Bt	NR	G	Bt	Bt	G	Bt	Bt	G	NR	G	17
D2526	Bt	NR	G	Bt	Bt	G	Bt	Bt	G	NR	G	18
D347	G	NR	NR	Bt	G	NR	G	G	G	NR	NR	18
D513	G	NR	G	Bt	G	NR	B	G	Bt	NR	G	19
D670	B	NR	Bt	Bt	Bt	B	B	Bt	Bt	NR	B	15
D739	G	NR	G	G	Bt	B	B	B	G	NR	B	16
D969PK	G	NR	Bt	NR	Bt	B	G	B	NR	B	G	19
D912	B	NR	Bt	G	Bt	Bt	B	Bt	B	NR	Bt	18
D991	B	NR	Bt	G	Bt	Bt	B	Bt	B	NR	G	16

## Bonding

	Convert/Mount/Signs	Electrical Insulation	Gasket/Fab Assembly	General Purpose	Glass/Metals	Low Energy Surfaces	Paper/Cardboard	Plastics/Vinyl/PVC	POP	Silicone Foams/Rubbers	Wood/Rough Surfaces	Page #
S193PU	B	NR	NR	B	Bt	G	G	Bt	G	NR	NR	10
S633	NR	G	G	NR	Bt	Bt	NR	Bt	NR	B	NR	14
S7680	NR	B	G	NR	G	Bt	NR	G	NR	Bt	NR	11
S7680AS	NR	B	G	NR	G	Bt	NR	G	NR	Bt	NR	11
S7700	NR	B	G	NR	G	Bt	NR	G	NR	Bt	NR	12
S945RD	NR	G	G	G	Bt	B	NR	Bt	NR	B	NR	12
D293YL	NR	NR	B	NR	B	B	NR	B	NR	B	NR	20
D969PK	G	NR	Bt	NR	Bt	B	G	B	NR	B	G	19

# Masking & Splicing Charts

G = Good  
Bt = Better

B = Best  
NR = Not Recommended

Masking	Anodizing	E-Coating	Galvanizing	Plating	Powder Coating	Wave Soldering	Wet Spray	Page #
S192	G	G	NR	G	NR	NR	B	9
S193PU	Bt	Bt	NR	Bt	NR	NR	B	10
S1199	G	G	G	G	B	Bt	NR	13
S294BL	Bt	Bt	NR	Bt	G	NR	G	14
S295	G	G	NR	G	B	NR	G	11
S633	NR	NR	NR	NR	Bt	NR	NR	14
S7680	Bt	Bt	NR	Bt	Bt	Bt	NR	11
S7680AS	Bt	Bt	NR	Bt	Bt	Bt	NR	11
S7700	G	G	NR	Bt	G	G	NR	12
S913	B	B	NR	B	NR	NR	Bt	12

Splicing	Core Startup (Cardboard)	Core Startup (Metal)	Film	LSE Films	Paper	Siliconized Liner	Page #
S1032	NR	NR	BT	BT	BT	NR	8
S291BL	NR	NR	BT	BT	NR	BT	13
S292PK	NR	G	BT	BT	NR	BT	13
S293YL	G	BT	B	B	G	B	10
S295	NR	NR	G	BT	NR	BT	11
S599RD	NR	NR	G	BT	NR	B	15
S913	G	BT	B	B	G	B	12
S945RD	NR	G	BT	BT	NR	BT	12
S998GR	NR	G	BT	BT	NR	BT	14
D1100	BT	BT	BT	NR	BT	NR	17
D293YL	G	B	B	B	G	B	20
D513	G	G	G	NR	B	NR	19
D644	G	BT	BT	B	NR	B	20
D670	G	G	BT	BT	B	NR	15
D739	G	G	B	B	B	NR	16
D786	BT	G	B	BT	B	NR	16
D912	B	B	BT	G	BT	NR	18
D991	B	B	BT	G	BT	NR	16
D969PK	B	B	BT	BT	BT	BT	19

## S1032-High-Tack Acrylic Splicing/Bonding Tape

You will find excellent resistance to solvents, heat and chemicals with this tough polyester backed tape. It has an extremely aggressive acrylic adhesive system, which offers quick bonding and a permanent stick to a variety of surfaces. It displays high resistance to acids, staining, and water absorption. It has low stretch and long life. This tape is a great 3M 396 alternative. \*Standard core is cardboard.

✓ *This tape can be used for bookbinding, edge protection, and seaming Styrofoam insulation panels.*



Carrier:	Polyester/2.0 mil
Adhesive/Thickness:	Acrylic/2.0 mil
Total Tape Thickness:	4.0 mil
Adhesion to Steel:	60 oz/in
Temperature Resistance:	250 ° F

Assembly	Bonding
Masking	Splicing

## S791-Red Acrylic Splicing Tape

Use this as a general purpose splicing tape in corrosive environments. It has a high shear, high temperature acrylic adhesive, which shows a good propensity to both low and high energy substrates. It offers good chemical and solvent resistance. The deep red color makes it visible during splice applications. \*Standard core is plastic.

✓ *This is a 3M 850 Red comparable product.*



Carrier:	Polyester/1.0 mil
Adhesive/Thickness:	Acrylic/1.0 mil
Total Tape Thickness:	2.0 mil
Adhesion to Steel:	25 oz/in
Temperature Range:	300 ° F to 400 ° F

Assembly	Bonding
Masking	Splicing

## S922-Lined Removable Acrylic

Our S922 removable acrylic is a low adhesion tape that is suitable for use as a protective mask. The product exhibits excellent high temperature resistance with clean removal. The polyester backing offers good conformability with protective strength for all protective masking applications. This product is moisture resistant and exhibits good short term UV resistance. \*Standard core is plastic.



Carrier:	Polyester/1.5 mil
Adhesive/Thickness:	Acrylic/1.0 mil
Total Tape Thickness:	2.5 mil
Adhesion to Steel:	26 oz/in
Temperature Resistance:	350 ° F

Assembly	Bonding
Masking	Splicing



## S4863-Embossed Surface Anti-Slip Tape

Some of this product's features include impregnated and silicone coated cloth with temperature resistant adhesive. It can be used for anti-slip roller wrap applications and any that require anti-adhesive properties. It is temporarily repositionable and you may use this grey tape in any area where slipping is a hazard. Ask us about our generic brand. \*Only available on cardboard core.



Carrier:	Silicone Rubber Cloth/30.0 mil
Adhesive/Thickness:	Acrylic/1.5 mil
Total Tape Thickness:	31.5 mil
Adhesion to Steel:	45 oz/in
Temperature Range:	176 ° F to 300 ° F

**Special Tape**

## S56-Black/Yellow Hazard Striped Tunnel Tape

The S56 is hand-tearable, puncture resistant, and can be repositioned several times without loss of adhesion. This tape is often used in auditoriums, TV studios, and other convention center atmospheres that might require wires and cables to be taped down. The adhesive is zone coated on edges and the cloth backing creates a non-adhesive tunnel for wires or cords to lie (pass) under. There is no need for cable cleanup with this natural rubber adhesive. This tunnel tape is also available in black. (Product #S54) \*Only available on cardboard core.



Carrier:	PE Coated Cloth /10.0 mil
Adhesive/Thickness:	Natural Rubber/1.8
Total Tape Thickness:	11.8 mil
Adhesion to Steel:	29 oz/in
Temperature Resistance:	250 ° F

**Special Tape**

## S192-Self Wound Conformable Vinyl Tape

Use this vinyl tape when you need a product that is constructed with a chemically resistant adhesive that will not contaminate plating baths. This tape maintains an excellent straight edge when masking parts for anodizing or electro-less nickel plating, and has firm elongation properties with no memory. \*Standard core is plastic.



Carrier:	Vinyl/6.0 mil
Adhesive/Thickness:	Rubber/1.0 mil
Total Tape Thickness:	7 mil
Adhesion to Steel:	14.6 oz/in
Temperature Resistance:	175 ° F

**Assembly**

**Bonding**

**Masking**

**Splicing**

## S193PU-Heavy Duty Vinyl Tape

This tape is used in many different industries including industrial, construction, maintenance, repair operations, irrigation, utility, and many others. This product was designed for insulation applications that require greater mechanical strength and abrasion resistance. The rubber adhesive tape is aggressive and conformable.

\*Standard core is cardboard.

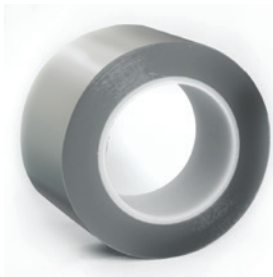


Carrier:	Vinyl/5.0 mil
Adhesive/Thickness:	Rubber/1.0 mil
Total Tape Thickness:	6.0 mil
Adhesion to Steel:	22 oz/in
Temperature Resistance:	176 ° F

Assembly	Bonding
Masking	Splicing

## S502GY- Release-Coated Silicone Bonding Tape

A self-wound top side release coated bonding tape is developed specifically for bonding low energy surfaces and plastic films. The tape has a soft, ultra-high tack silicone adhesive, which provides excellent quick stick characteristics to a variety of substrates. The benefit of using a self-wound roll is that it provides speedy application and no release liner scrap. The film will not split during application or with removal.



Carrier:	Polyester/3.0 mil
Adhesive/Thickness:	Silicone/3.4 mil
Total Tape Thickness:	6.4 mil
Adhesion to Steel:	65 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## S293YL-Yellow PET Silicone Splicing Tape



The most common application for this tape is for splicing siliconized release liner. It is also useful for splicing raw films exposed to high-temperature processes. This is a reliable and effective silicone splicing tape both by hand and at high speed. It effectively bonds to low surface energy materials, with high-tack, high shear strength, and high temperature resistance. This product has a soft splicing adhesive with a conformable 1 mil PET backing. \*Standard core is plastic.



Carrier:	Polyester/1.0 mil
Adhesive/Thickness:	Silicone/2.5 mil
Total Tape Thickness:	3.5 mil
Adhesion to Steel:	35 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## S295-Green Polyester Silicone Tape



A heavy-duty silicone powder coating masking tape that provides high strength and no curl mask that is also resistant to high temperature. This tape is removable without adhesive residue and bonds well to low energy surfaces. The green polyester film makes it highly visible with excellent opposition to solvents, oils, and acids.

\*Standard core is plastic.

✓ *This tape has a little give at raised temperatures. It also comes in rust color and available on liner.*



Carrier:	Polyester/2.0 mil
Adhesive/Thickness:	Silicone/1.4 mil
Total Tape Thickness:	3.4 mil
Adhesion to Steel:	36 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## S299-Metalized Polyester Film Tapes

This product is a metalized polyester film with a brilliant mirror-like finish. The film is coated with an aggressive, long-lasting acrylic adhesive system. This tape is primarily used for reflective shielding, industrial graphic arts, decorative trim, displays, microfilm splicing and photo sensing applications. \*Standard core is plastic.



Carrier:	PET/1.0 mil
Adhesive/Thickness:	Acrylic/1.1 mil
Total Tape Thickness:	2.1 mil
Adhesion to Steel:	29 oz/in
Temperature Resistance:	250 ° F

Assembly	Bonding
Masking	Splicing

## S7680-Polyimide Silicone Tape



This amber colored polyimide tape has exceptional high temperature resistance, puncture and tear resistance, as well as good electrical properties. It is a thin, conformable, and both chemical and flame resistant product. This tape will not soften at higher temperature and can be used to protect circuit boards when soldering.

\*Standard core is plastic.

✓ *This tape is also available on Anti-Static film as Part #S7680AS, formerly Part #S2210*



Carrier:	Polyimide Film/1.0 mil
Adhesive/Thickness:	Silicone/1.5 mil
Total Tape Thickness:	2.5 mil
Adhesion to Steel:	25 oz/in
Temperature Resistance:	500 ° F

Assembly	Bonding
Masking	Splicing

➡ **The Dielectric strength of this tape is 6500 Volts.**

## S7700-Polyimide Silicone Tape



Use this tape as an insulating and surface protection tape for high-temperature applications. It can also be used as a mask in soldering applications and as a coil winding tape in electrical components that will see high temperature service. This tape has exceptional high temperature resistance and has great puncture and tear resistance when used in elevated heat conditions. You will find this tape to be conformable and leaves behind no residue upon removal. It is also available on liner.

\*Standard core is plastic.

✓ *Use this tape for powder coat masking when process temperatures are >450°F and you need conformability.*



Carrier: Polyimide Film/2.0 mil  
 Adhesive/Thickness: Silicone/1.5 mil  
 Total Tape Thickness: 3.5 mil  
 Adhesion to Steel: 22 oz/in  
 Temperature Resistance: 500 ° F

Assembly

Bonding

Masking

Splicing

## S913-High-Tack Red Silicone Splicing Tape



A product most commonly used for high speed splicing applications, in particular for siliconized liners, as well as films and low surface energy materials. This tape is also used for masking metal parts in immersion coating processes such as plating, anodizing, and e-coating. Here you have a very high tack silicone tape with 3 mils of modified silicone adhesive. It is perfect for making flying splices on the toughest liners at high speeds. A polyester film that is strong, durable, chemical, and temperature resistant. You will find this tape a great choice when using for applications that are emerged in chemicals, water, or paint. It is highly conformable to maximize surface contact, leaving behind no adhesive residue. \*Standard core is plastic.

✓ *Great for anodizing and electroplating application.*



Carrier: Polyester/1.0 mil  
 Adhesive/Thickness: Silicone/3.0 mil  
 Total Tape Thickness: 4.0 mil  
 Adhesion to Steel: 35 oz/in  
 Temperature Resistance: 400 ° F

Assembly

Bonding

Masking

Splicing

## S945RD-Multi-Purpose Polyester Silicone Tape



Our S945 tape provides surface protection from scratches and chemical etching. It has superior adhesion to radiation cured surfaces with strong and durable polyester film. This is a silicone splicing tape which offers a low profile and bonds quickly and permanently to silicone surfaces. A silicone adhesive such as this is high temperature resistant and the stable adhesive resists oozing and flow.

\*Standard core is cardboard.

✓ *This tape is also available in blue, clear, or yellow.*



Carrier: Polyester/1.0 mil  
 Adhesive/Thickness: Silicone/1.5 mil  
 Total Tape Thickness: 2.5 mil  
 Adhesion to Steel: 28 oz/in  
 Temperature Resistance: 400 ° F

Assembly

Bonding

Masking

Splicing

## S1199-Fiberglass Cloth Silicone Tape

Use this product for high temperature masking in extreme conditions. It is often used for electrical insulating applications such as coil winding and electrical motor insulations where service temperature may be high. The fiberglass tape remains flexible and maintains its adhesion in very cold conditions. The well-cured adhesive is resistant to chemicals and solvents, while maintaining an excellent mix of adhesive properties. It has an insulation class of 180°C and can be removed without leaving behind adhesive residue.

\*Standard core is cardboard.

✓ *The white tape can also be used with printing for high-temperature labeling applications.*



Carrier:	Glass Cloth/5.0 mil
Adhesive/Thickness:	Silicone/2.0 mil
Total Tape Thickness:	7.0 mil
Adhesion to Steel:	20 oz/in
Temperature Resistance:	600 ° F

Assembly	Bonding
Masking	Splicing

## S291BL-Heavy Duty Silicone Splicing Tape



This single coated polyester silicone tape was made for splicing all silicone papers and liners in the web processing industry. It bonds permanently and quickly to silicone treated surfaces. It offers a high degree of wetting and tack with adhesive flow resistance. It is easy to handle, has high chemical resistance and delivers excellent protection in high temperature environments. \*Standard core is plastic.

✓ *It meets the requirements for Indirect Food Contact per FDA CFR 175.105 and also available in a clear color.*



Carrier:	Polyester/2.0 mil
Adhesive:	Silicone/1.5 mil
Total Tape Thickness:	3.5 mil
Adhesion to Steel:	30 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## S292PK-Polyester Silicone Splicing Tape

This is a single coated polyester high temperature silicone splicing tape that provides a superior bond to the most difficult silicone release surfaces and interliners. It is conformable with durable polyester film that will resist tearing or puncturing. Its stable adhesive resists flow, oozing, and slippage. This tape also comes in blue, olive green, and clear. \*Standard core is plastic.

✓ *Designed to perform splicing applications on difficult silicone release surfaces.*



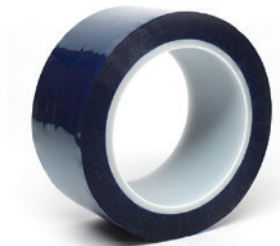
Carrier:	Polyester/1.0 mil
Adhesive/Thickness:	Silicone/1.5 mil
Total Tape Thickness:	2.5 mil
Adhesion to Steel:	30 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## S294BL-Polyester Silicone Masking Tape



A blue tape designed to perform well in masking applications in chemically corrosive and high temperature environments. It will also bond to low energy surfaces and remove cleanly without adhesive residue. It offers a high strength, no curl mask, and reduced failure due to mask slippage. It is a single coated high temperature polyester silicone flash breaker, masking tape. \*Standard core is plastic.



Carrier: Polyester/1.0 mil  
 Adhesive/Thickness: Silicone/1.4 mil  
 Total Tape Thickness: 2.4 mil  
 Adhesion to Steel: 20 oz/in  
 Temperature Resistance: 400 ° F

Assembly

Bonding

Masking

Splicing

## S633-Removable Silicone Tape

This green tape provides stable tack value and peel. It is single coated, and specially designed for applications requiring long term removability. This product can be used for pipe repairs, on moisture resistance projects, and with electrical protection.

\*Standard core is plastic.



Carrier: PET/4.0 mil  
 Adhesive/Thickness: Silicone/1.2 mil  
 Total Tape Thickness: 5.2 mil  
 Adhesion to Steel: 25 oz/in  
 Temperature Resistance: 400 ° F

Assembly

Bonding

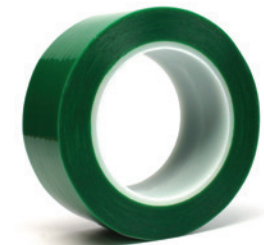
Masking

Splicing

## S998GR-Ultra High Tack Green Silicone

This tape features a soft, ultra-high-tack silicone adhesive, which provides excellent quick stick characteristics to silicone release liners. It also makes for an excellent choice for splicing situations that demand a strong initial stick. \*Standard core is plastic.

✓ **Meets the requirements for Indirect Food Contact per FDA CFR 175.105 and also available in a clear color.**



Carrier: Polyester/1.5 mil  
 Adhesive/Thickness: Silicone/1.75 mil  
 Total Tape Thickness: 3.25 mil  
 Adhesion to Steel: 42 oz/in  
 Temperature Resistance: 400 ° F

Assembly

Bonding

Masking

Splicing



## S599RD-Release-Coated Silicone Splicing Tape



A self-wound top side release coated splicing tape such as this, was developed specifically for splicing release papers and double-sided pressure sensitive tapes. The tape has a soft, ultra-high tack silicone adhesive, which provides excellent quick stick characteristics to silicone release liners. The benefit of using a self-wound roll is that it provides speedy application and no release liner scrap. The film will not split during application or removal. This tape is also available in blue.

\*Standard core is plastic.



Carrier:	Polyester/2.0 mil
Adhesive/Thickness:	Silicone/1.5 mil
Total Tape Thickness:	3.5 mil
Adhesion to Steel:	40 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## DK-Non-Adhesive Vinyl

This yellow vinyl adheres to itself, conforms to curves, corners, and hard to reach areas, by forming a leak proof bond. Use this vinyl when you want to mask off areas for plating, painting, or abrasive blasting. It will not create a residue on most surfaces and it is hand-tearable.

\*Standard core is cardboard.

✓ *This is an engineering grade plating tape and can be suitable for painting.*



Carrier:	PVC/4.0 mil
Adhesive:	None
Total Tape Thickness:	4.0 mil
Adhesion to Steel:	None
Temperature Range:	15 ° F to 200 ° F

Assembly	Bonding
Masking	Splicing

## D670-Banner Hemming and Bonding Tape



This aggressive adhesive is highly resistant to water and moisture. It offers excellent adhesion to irregular surfaces and holds up well in extreme cold, heat, and humidity. This tape is also resistant to plasticizers and has high bonding performance to vinyl, plastic, and smooth or textured surfaces. \*Standard core is cardboard.

✓ *Also available in die cut form for splice-n-locate applications.*



Carrier:	Polyester/1.0
Adhesive/Thickness:	Acrylic/3.5 mil ea side
Total Tape Thickness:	8.0 mil
Adhesion to Steel:	55 oz/in
Temperature Resistance:	200 ° F

Assembly	Bonding
Masking	Splicing

## D739-High-Speed Acrylic Flying Splice Tape



Here is a bright blue, double-sided tape that is designed for high speed flying splices. It has excellent wet-out properties to materials such as polyethylene, polypropylene, loosely woven fabrics, and low energy films. This product features a thick adhesive layer on both sides and it increases production efficiency. A tape specifically engineered to separate cleanly during the splice without any visible fibers.

\*Standard core is cardboard.

✓ *For use with laminators, coaters, and other converting operations.*



Carrier:	Polyester/1.0 mil
Adhesive/Thickness:	Acrylic/3.5 mil ea side
Total Tape Thickness:	8.0 mil
Adhesion to Steel:	85 oz/in
Temperature Resistance:	250 ° F

Assembly

Bonding

Masking

Splicing

## D786-High-Speed Acrylic Flying Splice Tape



A tape designed for excellent bonding to polyethylene films, as well as other low energy films and surfaces. It is a blue double-sided, high speed flying splice tape, which is designed with excellent wet-out properties to materials such as polyethylene, and polypropylene. This tape will provide increased production efficiency and it will in turn reduce machine downtime. This tape is also available in black.

\*Standard core is cardboard.

✓ *Use this tape with loosely woven fabrics and low energy films.*



Carrier:	Polyester/0.5 mil
Adhesive/Thickness:	Acrylic/2.5 liner side,
Total Tape Thickness:	1.5 exposed side 4.5 mil
Adhesion to Steel:	60 oz/in
Temperature Resistance:	250 ° F

Assembly

Bonding

Masking

Splicing

## D991-High-Tack Acrylic Transfer Tape



A product developed for use in ATG dispensers is what you will find with this reinforced acrylic transfer tape. It is ideal for permanent bonding of papers, plastics, and films. It offers quick bonding and it can also be used as a core start up tape. The adhesive conforms to FDA 21, CFR 175.105 "adhesives" standards for food contact.

\*Standard core is cardboard.

✓ *A lightweight, economical, and recommended tape for uneven surfaces and signs.*



Carrier:	None
Adhesive/Thickness:	Acrylic/2.0 mil
Total Tape Thickness:	2.0 mil
Adhesion to Steel:	40 oz/in
Temperature Resistance:	250 ° F

Assembly

Bonding

Masking

Splicing




D1100-Double-Coated Polyester Tape

G

Ideal use for this double-coated polyester tape is for “quick stick” and “cold stick ability applications.” Its high-tack acrylic adhesive system provides excellent holding power and heat resistance. The polyester adds dimensional stability and is excellent for die cut purposes. The thin polyester carrier allows for easy hand tearing and ideally suited for high speed flying splices of paper, film, and foils.

\*Standard core is cardboard.

✓ *This tape can also be used for general purpose bonding and also as an economy tape for D670.*



Carrier:	Polyester/0.32 mil
Adhesive/Thickness:	Acrylic/1.5 mil ea side
Total Tape Thickness:	3.32 mil
Adhesion to Steel:	45 oz/in
Temperature Resistance:	200 ° F

Assembly	Bonding
Masking	Splicing


D1104-High-Tack Acrylic Transfer Tape

G

Our D1104 acrylic transfer tape is reinforced with fiberglass to add structure and improve handling. Its extra thick adhesive offers advantages for textured or curved surfaces over the D991 tape that we also carry. This tape is self-wound on a yellow glassine paper liner for easy application. Works well in automated core start-up applications and with mounting. It is also available on 1” cores for use in ATG dispensers. Use this tape to permanently bond papers, plastics, and films. This product can be used in gasket assembly.

\*Standard core is cardboard.

✓ *This tape is acid free and flexible for a broad range of uses.*



Carrier:	None
Adhesive/Thickness:	Acrylic/5.0
Total Tape Thickness:	5.0 mil
Adhesion to Steel:	40 oz/in
Temperature Resistance:	250 ° F

Assembly	Bonding
Masking	Splicing


D2525-Perm-A-Stik II Double-Coated Acrylic Tape

G

With this high performance permanent bonding tape, you will also benefit from long-aging and UV resistance. It is very aggressive with a double-coat that allows for bonding glass, acrylic components and even signs. It can be spool wound and die cut. This excellent PET tape is designed to resist temperature fluctuations and outdoor exposure.

\*Standard core is cardboard.

✓ *Use this product for continuous runs.*



Carrier:	PET/0.5 mil
Adhesive/Thickness:	Acrylic/3.75 mil ea side
Total Tape Thickness:	8.0 mil
Adhesion to Steel:	90 oz/in
Temperature Resistance:	178 ° F

Assembly	Bonding
Masking	Splicing

## D2526-Double-Coated PVC Tape

Use this white PVC film with double-sided acrylic tape, that's great for bonding to nearly all materials. It has excellent temperature, UV and water vapor resistance. This gold siliconized paper liner is most commonly used in the awards and sign industry. This tape offers cushioning, protection, and stabilization for all packaging applications. \*Standard core is cardboard.

✓ *Great choice for permanent bonding to metals and painted or varnished surfaces.*



Carrier:	PVC/3.0 mil
Adhesive/Thickness:	Acrylic/3.0 mil ea side
Total Tape Thickness:	9.0 mil
Adhesion to Steel:	110 oz/in
Temperature Range:	-40 ° F to 250 ° F

Assembly

Bonding

Masking

Splicing

## D347-Double Coated Tissue Tape

A product that is great for general purpose bonding, fixing, mounting, and splicing. It is hand-tearable with high tack and quick bond. This is a great laminating adhesive with a solvent acrylic adhesive system. \*Standard core is cardboard.

✓ *Excellent for foam laminating and mounting nameplates and signs.*



Carrier:	Tissue (White)/1.5 mil
Adhesive/Thickness:	Acrylic/1.0 mil ea side
Total Tape Thickness:	3.5 mil
Adhesion to Steel:	56.4 oz/in
Temperature Range:	-4 ° F to 284 ° F

Assembly

Bonding

Masking

Splicing

## D912-Double-Sided Red Silicone Tape

Silicone Splicing tape for manual and high-speed splicing of silicone coated release liners and low surface energy films. Polyester/2.0 mil carrier for strength and bright red color for easy splice identification.



Carrier:	Polyester
Adhesive/Thickness:	Silicone/2.5 mil
Total Tape Thickness:	Excluding Liner 7.0 mil
Adhesion to Steel:	35 oz/in
Temperature Resistance:	400 ° F

Assembly

Bonding

Masking

Splicing

## D1108-Double Coated Polyester Tape

Use for bonding and splicing applications also involving low surface energy materials, foams, and some rubbers. It is an extremely aggressive high-shear double coated tape. The thin polyester film carrier is coated on both sides with acrylic adhesive and protected by a coated 2 side white silicone release paper liner. You will find exceptional tack and peel adhesion from this product; as well as adhesion to low energy surfaces. This tape has excellent moisture and humidity resistance. \*Standard core is cardboard.

✓ *Excellent for splicing corrugated, papers, and bonding to irregular surfaces.*



Carrier:	Polyester/0.5 mil
Adhesive/Thickness:	Acrylic/1.62 mil ea side
Total Tape Thickness:	3.75 mil
Adhesion to Steel:	65 oz/in
Temperature Range:	-10 ° F to 150 ° F

Assembly	Bonding
Masking	Splicing

## D513-Economy Double Coated Paper Tape

A high-quality, hand-tearable tape that is great for aluminum or brass attachments. It exhibits high resistance to flexing forces and can be applied to painted or varnished surfaces. This is a general purpose acrylic adhesive that bonds well to high energy surfaces. \*Standard core is cardboard.



Carrier:	Paper/5.0 mil
Adhesive/Thickness:	Natural Rubber/
Total Tape Thickness:	1.0 mil ea side 7.0mil
Adhesion to Steel:	40 oz/in
Temperature Resistance:	190 ° F

Assembly	Bonding
Masking	Splicing

## D969PK-Silicone/Acrylic Differential Tape



The pink color on this tape makes it easy for identification purposes. It is designed to bond dissimilar materials quickly and efficiently. The tape bonds well to silicone foams, rubbers, cardboard, fabric, films, and some LSE's. You will find that this product is primarily used in splicing when bonding a silicone coated liner to a non-silicone coated leader. \*Standard core is plastic.



Carrier:	PET/1.0 mil
Adhesive/Thickness:	Acrylic (Exposed)
Total Tape Thickness:	Silicone/2.0 mil / 2.5 mil 5.5 mil Acrylic 70 oz/in
Adhesion to Steel:	Silicone 40 oz/in
Temperature Resistance:	250 ° F

Assembly	Bonding
Masking	Splicing

## D293YL-Double-Coated Yellow Silicone Splicing Tape



This product is most commonly used to splice silicone release liners and a variety of low energy substrates. It very efficiently creates a splice by replacing multiple layers of silicone and non-silicone tape to splice two pieces of siliconized liner. You can also get very effective bonding with silicone foams and rubbers to other surfaces such as glass, metals, and plastics. This bright yellow color offers easy splice identification, and its soft high tack adhesive delivers a strong initial bond. \*Standard core is plastic.



*Can be used for both bonding and splicing.*



Carrier:	Polyester/1.0 mil
Adhesive/Thickness:	Silicone/2.5 mil ea side
Total Tape Thickness:	6.0 mil
Adhesion to Steel:	50 oz/in
Temperature Resistance:	400 ° F

Assembly	Bonding
Masking	Splicing

## D644-Self Wound Double-Coated Silicone Tape



Our D644 is a polyester tape with a high performance silicone adhesive on each side. It makes for an excellent choice when splicing silicone release liners and coated papers. Its double-coated release liner allows for fast application. Use this tape when joining rubbers, foams, plastics, and hard-coated or low energy substrates.

\*Standard core is plastic.



*This product has excellent temperature resistance and maintains its shear test for 5 days or more.*



Carrier:	Polyester/1.0 mil
Adhesive/Thickness:	Silicone/2.25 ea side
Total Tape Thickness:	5.50 mil
Adhesion to Steel:	40 oz/in
Temperature Range:	-50 ° F to 400 ° F

Assembly	Bonding
Masking	Splicing

# General Terms & Conditions

'SELLER' herein means STM (Specialty Tapes Manufacturing). 'BUYER' herein means any person, party, association, firm, limited company, corporation, etc., who make an offer to the Seller to purchase the products.

**Order of Goods:** A minimum order of \$250.00 is required for all standard items for all customers. Low demand and custom products may require a minimum order quantity. All orders placed by the Buyer shall be in writing and subject to the Seller's acceptance. An Invoice will be sent to the Buyer against the order placed and goods supplied in terms of the said order. The Seller shall however be at the liberty to accept or refuse any order in full or part without assigning any reasons whatsoever.

**Pricing:** Price prevailing on the date of order shall be applicable irrespective of the purchase order/ delivery order/ contract/ advance payment for the supplies that have been accepted/ issued. The Seller reserves the right to revise the price without any advance, further notice to the Buyer or without assigning any reason therefore.

**Terms:** Net 30 days to pre-approved accounts. All shipments made prior to credit approval will be charged to AMEX, MasterCard or Visa. Any customer issuing a NSF check will be placed on Credit Card Only status and will be required to pay a \$25.00 NSF check charge.

**Full Yield Ship Policy:** STM Inc., reserves the right to ship +/- 25% on all Custom, Non-Standard Items.

**Credit:** A complete credit application must be signed by the owner with four trade references and one bank reference. Please allow five days for approval. Past Due Accounts: No shipments will be made to accounts past due forty-five (45) days. Accounts past due will be charged 1.5% per month interest (18% per annum).

**Cancellations/Changes:** Orders accepted by Specialty Tapes are not subject to changes, cancellation or suspension, except by mutual agreement. Cancellations will not be accepted on custom, non-standard and blanket purchase orders and are non-returnable. Any cancellations agreed upon by STM may include a 5% cancellation fee.

**Delivery:** All products are shipped FOB Franksville, Wisconsin. Core products will be shipped within 10 days. Non-stock products will be shipped within 30 days from date of order. The Seller's confirmed shipping date is the expected ship date.

**Expedite Request:** STM will consider all expedite requests. A review will be completed and an answer will be communicated to the customer within 2 business days. The minimum expedite fee applied is \$500.00 or 10% of the expedited amount. Once an expedited date is agreed to, if STM fails to meet the date, a 10% discount will be issued on the expedited product value.

**Freight:** Domestic shipments of \$5,000.00 or greater qualify for Pre-Paid freight.

**Applicable Taxes:** Any taxes or Duties levied by Central, State, Local or any other authority now in force or hereafter be imposed on the sale, transportation or supply/delivery of the goods shall be directly paid by the Buyer or if directly paid by the Seller, reimbursed to the Seller by the Buyer.

**Quality of Goods:** The goods supplied shall be as per the specifications/ quality prescribed by the Seller. For this purpose, the Seller's laboratory record/ certificate of quality shall be the basis. No transit Shortage/Damage claims shall be entertained by the Seller without Shortage/Damage Certificate duly acknowledged by the carrier.

**Delivery Terms:** The Buyer will, in every case examine the goods on taking delivery and thereafter will have no claim again at the Company on account of damage to the goods, shortage of weight or as to the nature of quality of the goods or any matter whatsoever.

**Claims:** ALL DELIVERY CLAIMS MUST BE MADE WITHIN 3-5 DAYS OF RECEIPT OF GOODS. Deductions from remittances will not be allowed unless authorized by STM in writing. All claims for merchandise lost or damaged in transit must be made to the common carrier. DO NOT ACCEPT GOODS DAMAGED IN TRANSIT. In the event that a shipment is lost, STM will work with the carrier if not sent on customers collect freight number.

**Returns:** No merchandise will be accepted for return or credit without a Return Material Authorization (RMA) number and packing slip. Seller will not accept returned goods purchased as specials, non-stock tapes, closeouts or 90 days after buyer's receipt of goods. Returns of a non-quality nature are subject to a 15% restocking fee and must be agreed upon by Seller. Products must be returned within 30 days (domestic) and 90 days (International) of RMA date. All returns will either be replaced with the same product or a credit will be placed on the customer's account for an amount equal to that of the returned product. Shipping charges will be credited to the customer's account if a replacement is not made."

**F.O.B. Quotations:** The Company's Liability for Delivery of the goods ceases as soon as these are placed on delivery vehicle at the place of dispatch and a complete Bill of Lading has been issued. The Buyer will take delivery at their risk.

**Delay in Delivery:** The Seller will not be responsible for any delay in delivery beyond its own control, but will do its utmost to ensure speedy delivery.

**Sales Tax Declaration Forms:** The Buyer should send in the Sales Tax Declaration in the prescribed format as per Sales Tax Act, otherwise the Seller may charge the difference in Sales Tax as if it would have been payable by an unregistered dealer.

**Lien on Goods:** The Seller shall have lien on the goods delivered/supplied as to the unpaid as the purchase price of the goods and the Seller shall be entitled to exercise the said lien to recover the unpaid purchase price by taking back the goods and shall be entitled to sell the same to some other Buyer and adjust the sum so realized against the unpaid purchase price without prejudice to Seller's other rights and remedies to recover the outstanding dues or other dues.

**Warranty of Goods:** All products are guaranteed to be up to standard. Any warranties of condition, statutory or otherwise, as to quality of fitness for any purpose is excluded. No claims will be recognized unless notified in writing within 90 days after receipt of goods. The Seller reserves the right to deal with such goods in the best possible manner. The decision of the Seller will be final.

**Performance of Products:** For best results, you may seek assistance of our sales executives. All recommendations are based on in-house tests and information believed to be reliable. The performance of the products is subject to the handling and /or manner of use. Seller shall not be liable for any damage arising out of improper use and /or handling resulting from their use. No representative of ours has any authority to waive or change this provision.

**Variation in Terms & Conditions:** Any variation in these terms and conditions (including special terms and conditions) shall be inapplicable unless agreed upon in writing by the Seller.

**Disclaimer Of Warranties:** All technical statements and all recommendations herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose: Seller's and

manufacturer's only obligation shall be to replace such quantity of the product proved to be defective including standard, stock and custom products. Before using, user shall determine the suitability of product for its intended use. Exceptions may be limited by the applicable contractual modification or limitation of remedy provision of the Uniform Commercial Code as enacted and initial, arising out of the use or inability to use the product.

**Merger Clause:** Seller's sales personnel or their representatives may have made oral statements about the merchandise described in this contract. Such statements do not constitute warranties, shall not be relied on by the buyer, and are not part of the contract for sale. The entire contract is embodied in this writing. This writing constitutes the final expression of the parties' agreement, and it is a complete and exclusive statement of the terms of the agreement.

**Severability:** If any provision of this contract is found by anybody of competent jurisdiction to be wholly or partly illegal, invalid, unenforceable or unreasonable, it shall to the extent of such illegality, invalidity, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provisions shall continue in full force and effect.

**Modification:** The conditions of sale as stated in this contract are not subject to change by reason of any written or verbal statements, by Buyer or any terms stated in Buyer's acknowledgement, unless the same be accepted in writing.

**Miscellaneous:** The conditions of sale that comprise this agreement are independent of each other. Cancellation of any one of the conditions listed shall not result in an automatic termination of any other conditions or the entire agreement. The relationship of the parties is that of independent contractors and no partnership or joint venture has been, or is intended to be, formed. The sale of products under this agreement shall be governed by the laws of the State of Wisconsin. Contact Seller at 800-545-8273 if you have any questions.

**Exclusions:** In no event shall Seller be liable for any incidental or consequential damages of any kind, including without limitation any loss or damage arising in any manner from the use of the articles sold hereunder, and Seller shall not be liable for its failure to perform hereunder due to contingencies beyond its control, including without limitation acts of God, fires, floods, wars, sabotage, accidents, labor disputes or shortages, statutes, ordinances, rules, regulations, laws, or the inability to obtain materials, power, equipment or transportation.

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# PRODUCT GUIDE

## THE GUARANTEE EDITION

- ✓ 100% In-Stock Availability on All Guaranteed Products
- ✓ Innovative Product Design and Development Initiatives
- ✓ Global Reach, Small Company Attitude
- ✓ In-house R&D Department When You Need a Custom Solution
- ✓ Products Proudly made in the USA
- ✓ Unmatched Quality and On-Time Delivery
- ✓ Personal Service with Your Local Sales Representative

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