



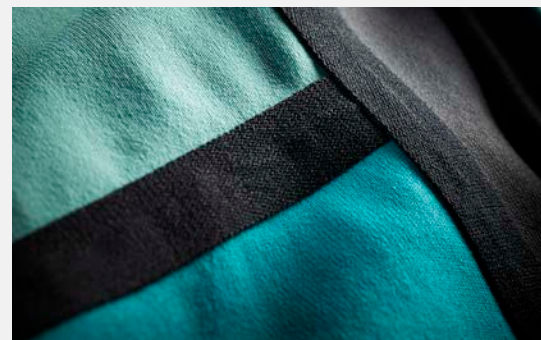
# SEAM REINFORCEMENT TAPE SELECTOR GUIDE



[bemisworldwide.com](http://bemisworldwide.com)



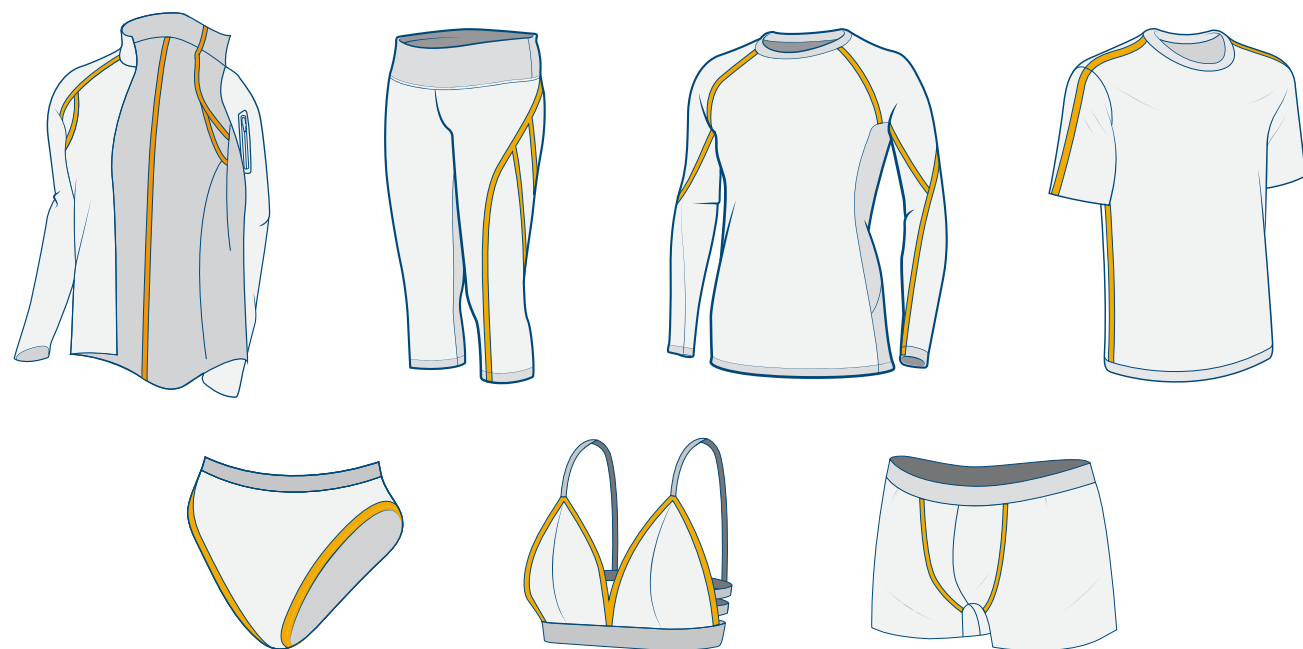
# ENHANCED FUNCTION AND DIFFERENTIATION



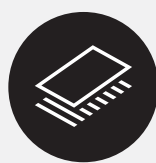
Bemis Seam Reinforcement Tape (SRT) strengthens seams and adds aesthetic touches without compromising the flexibility, feel, or weight of your construction. In fact, when combined with ultrasonic line bonded seams, it can keep constructions lighter than with stitched seams. By allowing for the virtual removal of the seam allowance, clothing is less bulky than with traditional

sewing, sleeker, and less likely to chafe. Whether applied on the inside or outside of a garment, enjoy stronger seams with a comfortable clean finish or use it purely aesthetically to make your garments visually distinct.

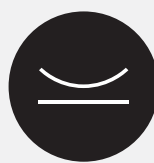
## LOOK GOOD, PERFORM WELL



STRETCHABLE



LOW PROFILE



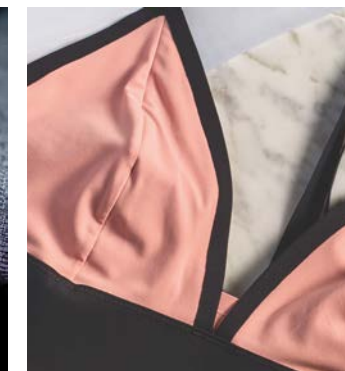
NEXT-TO-SKIN  
COMFORT



AESTHETIC

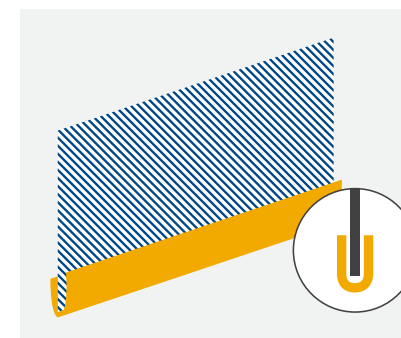


DURABLE



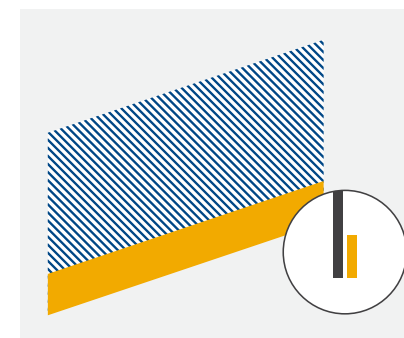
## BEMIS SRT ADHERES TO A WIDE VARIETY OF KNIT AND WOVEN FABRICS AND MATERIALS AND ARE PROVEN IN MANY APPLICATIONS

### SRT BINDING



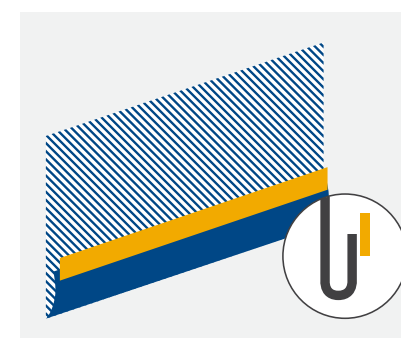
Avoid fraying edges while adding an aesthetic pop to your garment

### FREECUT EDGE WITH SRT



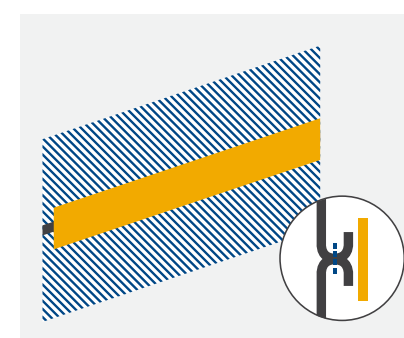
Add a raw look to your garment while not having to worry about excessively frayed edges

### FOLDOVER HEM WITH SRT



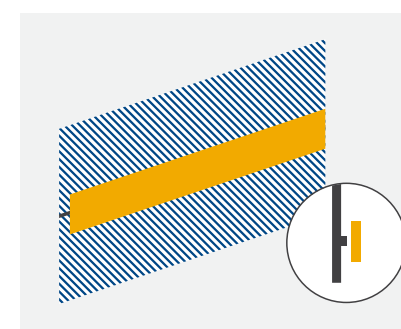
Create a clean, lightweight hem that prevents chafing

### STITCHED SEAM WITH SRT



Add a clean finish to the inside of your garment for improved comfort

### ULTRASONIC SEAM WITH SRT



Maintain the strength and integrity of your garment with a low-profile, aesthetically interesting seam

BEMIS SEAM REINFORCEMENT TAPES ARE CERTIFIED TO THE OEKO-TEX STANDARD 100 AND ARE DEVELOPED TO MEET BRANDS' RESTRICTED SUBSTANCE REQUIREMENTS.

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
STANDARD 100




CALL YOUR BEMIS SALES REPRESENTATIVE FOR MORE INFORMATION AND SAMPLES

TECHNICAL DATA | KNITS

	SRT4000	SRT4000RC	SRT4100	NSRT3900	RSRT3000	FlexTape SFE100
PRODUCT OVERVIEW						
Key Benefits + Material Adhesion	A stretch knit face fabric provides soft hand feel and strong seam reinforcement on medium weight stretch knit fabrics	 A tape made of 43.3% recycled content by overall weight that provides a soft hand feel and strong seam reinforcement on medium weight stretch knit fabrics. Made of a stretch knit face fabric with 89% post-consumer recycled polyester content and adhesive film backer.	A lightweight stretch knit face fabric and adhesive film backer offers extremely soft hand feel and good seam reinforcement on light weight stretch knit fabrics.	A narrow width elastic face fabric and adhesive film backer allows for optimal stretch and recovery.	A reflective coated knit face fabric and adhesive film backer provides added visibility while still providing reinforced strength and good stretch and recovery to move with the garment.	Engineered for binding applications to enhance performance and enable a faster, more efficient manufacturing process. Designed to stretch and recover with ultimate flexibility plus a thinner, lighter, softer, and more flexible construction method to finish cuffs, hems, hoods, and more.
Stocked Color(s) <sup>1</sup>	Pitch, Snow, Ash, Cool Grey, Red	Pitch, Snow, Ash, Cool Grey	Pitch, Snow, Ash, Cool Grey	Pitch	Reflective Silver (~400 cd/lux), Reflective Pitch (~20 cd/lux)	Black
Standard Width	10mm, 1372mm, or Slit to Order	10mm, 1372mm, or Slit to Order	10mm, 1321mm, or Slit to Order	10mm or 15mm	Slit to Order	16mm 6mm adhesive on each side of channel
FABRIC PROPERTIES:						
Fabric Make/Weave	Knit	Knit	Knit	Knit	Knit	Knit
Fabric Content	92% Nylon + 8% Spandex	89% Recycled Polyester + 11% Elastane Knit	80% Nylon + 20% Spandex	70% Nylon + 30% Spandex	26% Glass beads + 26% Resin + 43% backing fabric (Polyester + Spandex) + 5% other	Nylon + Spandex
Fabric Weight <sup>2</sup>	153gsm	170gsm	114gsm	1.5g/m @10mm   2.6g/m @15mm	365gsm	2.9g/m @16mm
ADHESIVE PROPERTIES:						
Composition	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Adhesive Gauge	50 µm (.002")	50 µm (.002")	25 µm (.001")	50 µm (.002")	50 µm (.002")	50 µm (.002")
Softening Point	95°C (203°F)	95°C (203°F)	95°C (203°F)	95°C (203°F)	95°C (203°F)	83°C (181°F)
PERFORMANCE						
Modulus at 30% elongation	1.16 lbf/10mm	1.23 lbf/10mm	0.42 lbf/10mm	1.00 lbf/10mm	2.49 lbf/10mm	0.62 lbf/in
Modulus at 50% elongation	1.54 lbf/10mm	1.62 lbf/10mm	0.55 lbf/10mm	1.36 lbf/10mm	3.98 lbf/10mm	0.87 lbf/in
Recovery at 50% (10mm)	99%	99%	99%	99.5%	99%	99%
Wash Durability	up to 60°C	up to 60°C	up to 60°C	up to 60°C	up to 60°C	up to 60°C / Tumble Dry Low
RECOMENDED BONDING CONDITIONS <sup>3</sup>						
HEAT PRESS						FLAT PRESS
Temperature	150°C to 170°C	130°C to 150°C	150°C to 170°C	150°C to 170°C	150°C to 170°C	120°C to 130°C
Time	20 to 30 seconds	20 to 30 seconds	20 to 30 seconds	20 to 30 seconds	20 to 30 seconds	20 to 30 seconds
Pressure	40 to 60psi	43.5 to 72.5psi	40 to 60 psi	40 to 60 psi	40 to 60psi	40 to 60psi
SEAM SEALER						CONTINUOUS BONDING MACHINE
Temperature	550°C to 650°C	350°C to 500°C	550°C to 650°C	550°C to 650°C	550°C to 650°C	150°C to 220°C
Speed	4.0 m/min	1.5-2.45 m/min	4.0 m/min	4.0 m/min	4.0 m/min	0.63 m/min
Air Pressure	0.09 mPa	0.03 mPa	0.09 mPa	0.09 mPa	0.09 mPa	72.5 psi (5.0 bar)
Roller Pressure	0.40 mPa	0.45 mPa	0.40 mPa	0.40 mPa	0.40 mPa	-

1. Custom colors may be available.  
2. Fabric weight may vary slightly by color.  
3. Recommended bonding conditions will vary between machinery, fabrics, and applications - optimal bonding conditions should be established by Bemis and the customer for each application prior to production.

TECHNICAL DATA | WOVENS

	SRT5000	SRT5000RC	SRT6000	SRT5010V
PRODUCT OVERVIEW				
Key Benefits + Material Adhesion	A stretch woven face fabric provides soft hand feel and strong seam reinforcement on medium weight stretch woven fabrics.	 A tape made of 41% recycled content by overall weight that provides a soft hand feel and strong seam reinforcement on medium weight stretch woven fabrics. Made of a stretch woven face fabric with 92% post-consumer recycled polyester content and adhesive film backer.	Our Waterproof SRT is a soft woven fabric that provides seam reinforcing strength coupled with waterproofing performance on light-medium weight 3-layer waterproof fabrics.	Our Vivid SRT has a stretch woven face fabric that provides soft hand feel and strong seam reinforcement on medium weight stretch woven fabrics.
Stocked Color(s) <sup>1</sup>	Pitch, Snow, Ash, Cool Grey, Red	Pitch, Snow, Ash, Cool Grey	Pitch, Ash, Cool Grey	Ability to print custom colors, custom patterns, or logos onto the face of the fabric.
Standard Width	10mm, 1372mm, or Slit to Order	10mm, 1372mm, or Slit to Order	Slit to Order	Slit to Order
FABRIC PROPERTIES:				
Fabric Make/Weave	Woven	Woven	Woven	Woven
Fabric Content	95% Polyester + 5% Spandex	92% Recycled Polyester + 8% Spandex	95% Polyester + 5% Spandex	95% Polyester + 5% Spandex
Fabric Weight <sup>2</sup>	130gsm	136gsm	130gsm	130gsm
ADHESIVE PROPERTIES:				
Composition	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Adhesive Gauge	50 µm (.002")	50 µm (.002")	50 µm (.002")	50 µm (.002")
Softening Point	95°C (203°F)	95°C (203°F)	112°C (234°F)	95°C (203°F)
PERFORMANCE				
Modulus at 30% elongation	1.53 lbf/10mm	1.34 lbf/10mm	2.33 lbf/10mm	1.53 lbf/10mm
Modulus at 50% elongation	4.0 lbf/10mm	2.82 lbf/10mm	N/A	4.0 lbf/10mm
Recovery at 50% (10mm)	99%	99%	98% at 30% elongation	99%
Wash Durability	up to 60°C	up to 60°C	up to 40°C	up to 60°C
RECOMENDED BONDING CONDITIONS <sup>3</sup>				
HEAT PRESS				
Temperature	150°C to 170°C	150°C to 170°C	150°C to 170°C	150°C to 170°C
Time	20 to 30 seconds	20 to 30 seconds	20 to 30 seconds	20 to 30 seconds
Pressure	40 to 60 psi	40 to 60 psi	40 to 60 psi	40 to 60psi
SEAM SEALER				
Temperature	550°C to 650°C	550°C to 650°C	450°C to 600°C	550°C to 650°C
Speed	4.0 m/min	4.0 m/min	2.0 to 3.0 m/min	4.0 m/min
Air Pressure	0.09 mPa	0.09 mPa	0.04 mPa	0.09 mPa
Roller Pressure	0.40 mPa	0.40 mPa	0.40 mPa	0.40 mPa

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2. Fabric weight may vary slightly by color.  
3. Recommended bonding conditions will vary between machinery, fabrics, and applications - optimal bonding conditions should be established by Bemis and the customer for each application prior to production.