



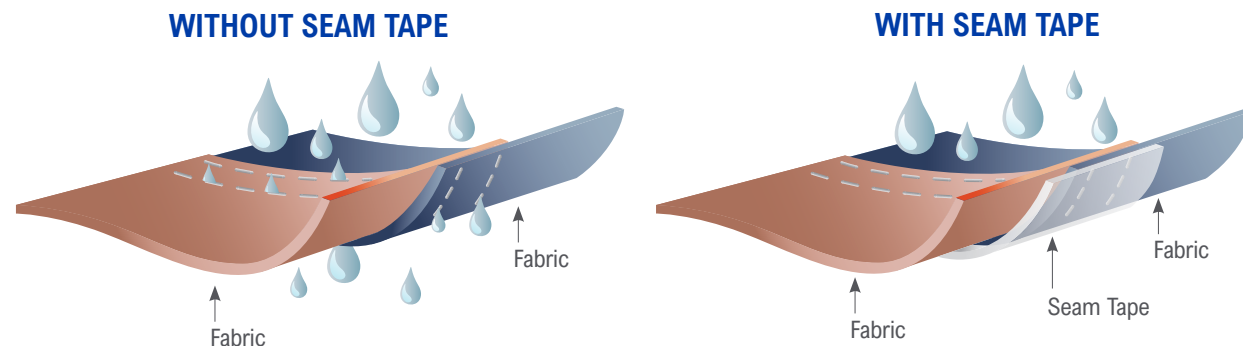
# TWO-LAYER SEAM TAPE SELECTOR GUIDE



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



# WATERPROOF PROTECTION FROM HEAD TO TOE



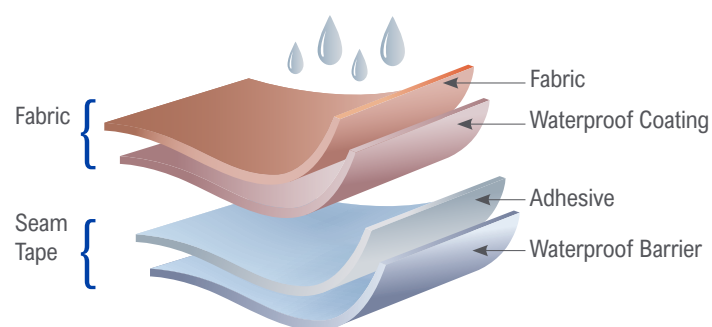
## SEAM TAPE IS THE CRITICAL LINK IN THE CHAIN OF WATERPROOF PROTECTION.



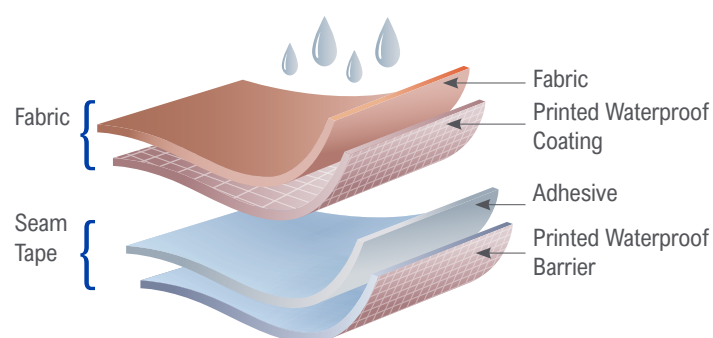
Even the most waterproof fabrics and materials will leak through stitched seams if not sealed properly. If a product leaks, customers don't care if it's from the fabric or the seam – all they know is they're getting wet. When you want to keep a sewn product watertight and protect the integrity of your weather-worthy gear, use Bemis Seam Tape to cover up those needle holes.

Two-Layer Seam Tape is the go-to for maintaining that light and agile feel of your designs, but still won't let moisture sneak in. With waterproofing solutions for a variety of two-layer fabrics and materials that use a wide array of coatings, our range of Two-Layer Seam Tapes are the key and can be applied by using any of the commercially available hot air taping machinery. Be confident that your waterproof garments and equipment will weather the storm from drizzle to downpour.

### 2-LAYER WATERPROOF APPLICATION

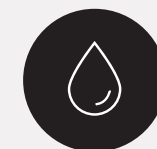


### 2.5-LAYER WATERPROOF APPLICATION

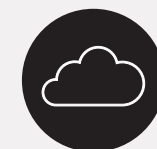


## BEMIS TWO-LAYER SEAM TAPES ADHERE TO A WIDE VARIETY OF TWO-LAYER FABRICS AND MATERIALS AND ARE PROVEN IN MANY APPLICATIONS:

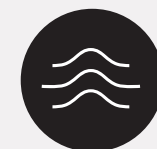
- Technical Outerwear & Activewear: skiing, snowboarding, hiking, climbing, cycling, fishing, boating, hunting, golfing, etc.
- Rainwear
- Industrial Workwear
- Tents & Packs
- Military Garments & Gear
- Protective Suits & Equipment



WATERPROOF



FOR LIGHT TO MEDIUM  
WEIGHT FABRICS



MINIMAL  
FOOTPRINT



DURABILITY



CUSTOMIZABLE

## CUSTOM CAPABILITIES

We offer a wide range of custom color and custom pattern matching capabilities to ensure the Seam Tape does not distract from the overall design of your garment or equipment.





## BEMIS IS A BLUESIGN® SYSTEM PARTNER WITH EXTENSIVE EXPERIENCE IN PROVIDING FILM AND TAPE SOLUTIONS.

Our Two-Layer Seam Tapes contain no Volatile Organic Compounds (VOCs). To complement our line of non-PVC tapes, Bemis printed tapes use only 100% UV-cured and water-based inks.



**CALL YOUR BEMIS SALES REPRESENTATIVE FOR MORE INFORMATION AND SAMPLES**

TECHNICAL DATA

	ST004	ST104	ST503	LWT900	ST604	ST863	ST832	ST110RC 	ST610RC 
PRODUCT OVERVIEW									
Key Benefits + Material Adhesion	-Minimal stretch tape -Very light to light weight PVC, vinyl, or polyurethane coated 2L material	-Minimal stretch tape -Light to medium weight PVC, vinyl, or polyurethane coated 2L material	-Minimal stretch tape -Minimal footprint -High durability -Very light to medium weight heat sensitive PVC, vinyl, or polyurethane coated 2L materials	-Stretch tape with softest hand feel -Invisible footprint -Matte finish tape -Very light weight PVC, vinyl, or polyurethane coated 2L stretch materials	-Stretch tape with soft hand feel -Highly versatile tape -Minimal footprint -Light to medium weight PVC, vinyl, or polyurethane coated 2L stretch materials	-Stretch tape with soft hand feel -Highly versatile tape -Minimal footprint -High durability -Bonds with heat sensitivity -Light to medium weight difficult to bond to PVC, vinyl, or polyurethane coated 2L stretch materials	-Stretch tape -Advanced wash durability -Medium to heavy weight difficult to bond to PVC, vinyl, or polyurethane coated 2L stretch materials	<b>Recycled Choice:</b> made from 20% post-industrial recycled content -Minimal stretch tape -Light to medium weight PVC, vinyl, or polyurethane coated 2L materials	<b>Recycled Choice:</b> made from 20% post-industrial recycled content -Stretch tape with soft hand feel -Minimal footprint -Light to medium weight PVC, vinyl, or polyurethane coated 2L stretch materials
Compliance / Certification	bluesign®, OEKO-TEX®	OEKO-TEX®	bluesign®, OEKO-TEX®	OEKO-TEX®	bluesign®, OEKO-TEX®	bluesign®, AFIRM Compliant	AFIRM Compliant	Recycled Claim Standard (RCS) Certified	bluesign®, Recycled Claim Standard (RCS) Certified
Stocked Color	Clear	Clear	Clear <sup>1</sup>	Clear <sup>1</sup>	Clear <sup>1</sup>	Clear <sup>1</sup>	Clear <sup>1</sup>	Clear	Clear <sup>2</sup>
Standard Width <sup>3</sup>	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm	20mm
THERMAL & PHYSICAL PROPERTIES									
Composition	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Total Gauge	89 µm (.0035")	102 µm (.004")	76 µm (.003")	64 µm (.0025")	89 µm (.0035")	100 µm (.004")	114 µm (.0045")	102 µm (.004")	89 µm (.0035")
Adhesive Gauge	40 µm (.0016")	51 µm (.002")	44 µm (.00175")	32 µm (.00125")	44 µm (.00175")	50 µm (.002")	63 µm (.0025")	51 µm (.002")	44 µm (.00175")
Total Weight	99.3 g/m2	119 g/m2	90 g/m2	74.5 g/m2	104 g/m2	119 g/m2	135 g/m2	119 g/m2	104 g/m2
Softening Point	104°C (219°F)	98°C (208°F)	85°C (185°F)	100°C (212°F)	105°C (221°F)	107°C (225°F)	112°C (234°F)	100°C (212°F)	113°C (235°F)
Wash Durability	up to 40°C	up to 40°C	up to 40°C	up to 40°C	up to 40°C	up to 40°C	up to 60°C	up to 40°C	up to 40°C
RECOMMENDED BONDING CONDITIONS <sup>4</sup> : HOT AIR SEALER									
Temperature	550°C to 700°C	350°C to 700°C	350°C to 700°C	400°C to 700°C	550°C to 700°C	450°C to 700°C	550°C to 700°C	500°C to 700°C	350°C to 550°C
Time	4.0 to 7.0 m/min	4.0 to 7.0 m/min	4.0 to 7.0 m/min	2.5 to 3.0 m/min	4.0 to 7.0 m/min	4.0 to 7.0 m/min	4.0 to 7.0 m/min	4.0 to 7.0 m/min	4.0 to 7.0 m/min
Pressure	3.92 bar	3.92 bar	3.92 bar	4.0 bar	3.92 bar	3.92 bar	3.92 bar	3.92 bar	3.92 bar

1. Custom color and print capabilities.  
2. Custom color capabilities.  
3. Products may be stocked in various widths or can be slit to requested widths - please contact a Bemis Sales Representative for details.  
4. 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.

