



Polyester Splicing Tapes

Summary

This bulletin provides the general guidelines for polyester tapes. With a choice of thin backing calipers and adhesives, this line of tapes meets demanding applications for graphic arts, photography, metal finishing, and electronics. Applications range from splicing silicone-treated paper to low profile decorative trim.

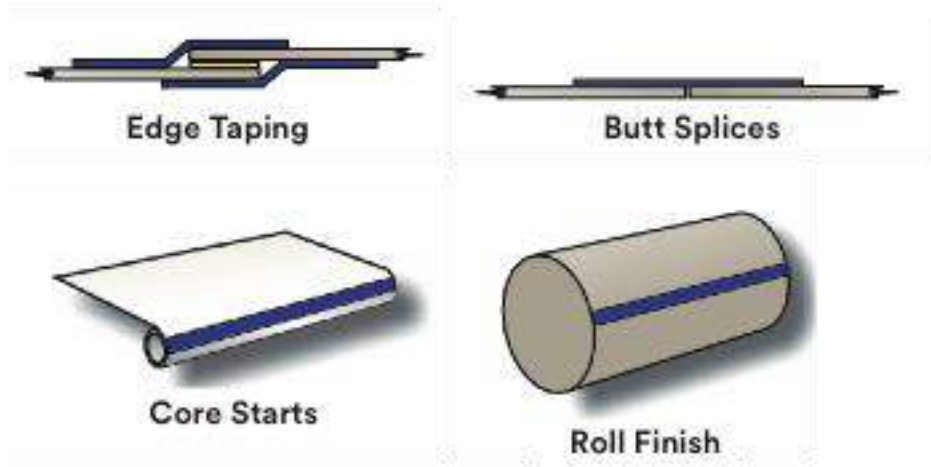
Pressure sensitive acrylic, rubber, silicone and silicone/rubber blend adhesives to meet specific requirements. For example, acrylic with transparent backing for clarity and long-term holding; silicone for high temperatures and clean removal; rubber for quick adhesion to low surface energy materials.

Product Construction

Polyester film offers excellent thermal, abrasion, and chemical resistance while maintaining their flexibility. 3M offers a variety of backing thickness and adhesive options depending on your splicing needs.

Polyester Tapes				Substrate					
Product Numbers	Adhesive Family	Initial Bond Strength	Upper Temperature Limit	Polyester (bare)	Polypropylene (bare)	Paper (bare)	Polyethylene (bare)	Aluminum Foil (bare)	Silicone coated substrates
263, 33981, 8402, 8403, 8901, 8902, 8905, 8911, 8991, 8992	Silicone	Low	400°F (204°C)	x	x		x	x	x
8401	Silicone/Rubber	Medium	300°F (150°C)	x	x	x	x	x	x
8421, 8422, 8429	Rubber	High	300°F (150°C)	x	x			x	
396	Super-bond Rubber	High	200°F (93°C)	x	x	x	x	x	
850, 8437	Acrylic	Medium	300°F (150°C)	x	x	x		x	

Splicing Applications



Technical Bulletin

3M™ Polyester Splicing Tapes

Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.

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ISO 9001

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