**Application Profile**

**Market:** General Industrial  
**Application Description:** Web splicing (butt splicing and core starting).

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**Key Application Requirements**  
Thin-caliper, high-strength tapes that are available in a range of colors and adhesive types for successful butt splicing of various substrates and temperature requirements.

**Benefits/Advantages To Customer**

*Thin caliper:* Low-profile butt splices minimize disturbances in roll formation.

*High tensile strength:* 3M™ Polyester Splicing Tapes offer a high tensile strength splice with minimal splice thickness.

*Many adhesive types:* 3M’s wide variety of adhesive types offer a wide range of suitability for many substrate materials and process requirements.

*Long-term aging:* The aging characteristics of the acrylic adhesives allow these tapes to work well for many long-term holding applications.

*Metalized polyester backing:* Tapes 850 (gold and silver) and Tape 630 have an additional layer of aluminum that allows for automatic splice detection.

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**PRODUCTS**

3M™ Polyester Film Tape 850  
3M™ Super Bond™ Film Tape 396  
3M™ Metalized Splicing Tape 630  
3M™ Greenback Printed Circuit Board Tape 851  
3M™ Polyester Splicing Tape 8401  
3M™ Polyester Silicone Adhesive Tapes 8402 and 8403  
3M™ Photo Film Splicing Tapes 8421 and 8422  
3M™ One Hour Photo Splicing Tape 8464  
3M™ General Purpose Polyester/Silicone Tapes 8951 and 8952

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3M Industrial Business
### For Additional Information

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