



Tapes & Specialties

## **The Global Leader in Custom Converting Capabilities, Services & Integrated Solutions**

For nearly a half a century, Pro Tapes® has been providing customized solutions to our customers' unique problems. We can help to transform your company by allowing you to focus on what you do best, while we take care of the rest!



[www.protapes.com](http://www.protapes.com)  
ISO 9001 CERTIFIED  
EDI COMPLIANT





## Global Leader in Converting Solutions & Services

Pro Tapes® provides the latest in converting technologies including:

- Custom Printing & Die-cutting
- Fully Automated Rewind Slitting
- Integrated In-line Roll Wrapping
- Narrow Width Specialty Slitting
- Automated Packaging
- Contract Converting Services
- Supply Chain & Inventory Management Solutions
- Retail Packaging & Labeling
- Private Labeling
- In-house Design & Support for Custom Packaging Configurations

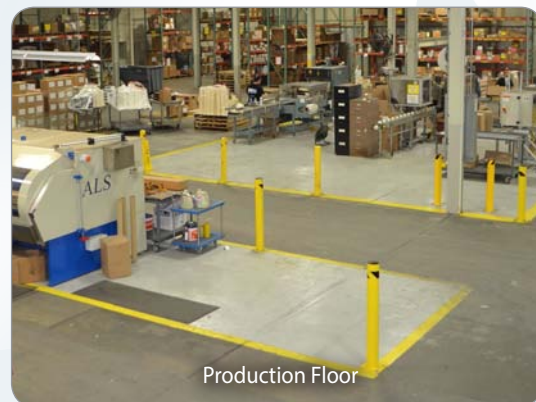
### ABOUT US

Pro Tapes & Specialties® is a tape manufacturer and supplier. For over 40 years we've produced our own quality products in addition to being contracted to improve productivity and profitability with our converting, supply chain and inventory management solutions for some of the most well-known brands in adhesives. With headquarters in North Brunswick, New Jersey, Pro Tapes® operates out of a 150,000 sq. ft. facility, equipped with a full range of state-of-the-art converting and custom packaging equipment. From fully automatic high speed wide-web slitters to precision rotary die-cut and flatbed presses, Pro Tapes® has invested heavily in equipment and technology designed specifically for the conversion and packaging of pressure sensitive tapes.

Whether your needs call for private labeled custom slit roll goods, or precision die-cut and laminated parts and pieces, Pro Tapes® #1 priority is to provide the best combination of quality, price and service in the industry. Our aim is not to just meet your expectations, but to exceed them.



Pro Tapes® Headquarters



Production Floor



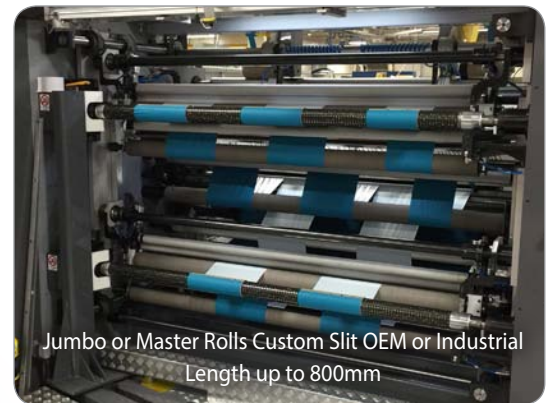
Specialty Converting Die-Cuts



Stocked Inventory of Finished Goods

## Wide Web Slitting

- Of our 11 wide web slitters Pro Tapes® features 6 fully automatic machines with a vast array of features
- Universal tooling enables Pro® to automatically produce roll widths greater than 75mm
- Inline automatic closed core shrink wrapping & open core sleeve wrapping
- Inline PSA roll labeling system
- Inline automatic case assembly & auto packaging
- Inline open & close core wrapping
- Slitting methods: razor, score and shear set up capabilities
- Cores sizes: 1", 1 ½", 3", up to 6" core I.D.
- Finished rolls up to 800mm O.D. with automatic off load.
- Wide Web Laminating: 6 units, up to 1800mm wide [70.87"].
- Rewind methods: lock core, slip core, traditional differential, cam lock differential & pneumatic core clutch differential
- Profile controls: minimum gap, center surface, taper tension and lay on pack-roll system
- Substrates: Non-PSA, PSA Single-faced, PSA Double-coated, Paper, Cloth, Films, Specialty, Butyl Rubber, Foams, Vinyl, PVC, etc.
- Tabbing: Standard paper tabs for start-up and double-coated tabs for non-PSA products or lined products.
- Capable to convert any type of PSA or non-PSA material up to 5mm in thickness.
- Computerized winding controls with programmable roll profile, adjusting torque and speed.
- Maximum rewind diameter up to 800mm.
- Automatic blade positioning with accuracy of +/- 0.1mm.
- Laser core positioning.
- Storable production recipes for repeatability.







Narrow Web Slitting of 1", 1-1/2" and 3" Core I.D.



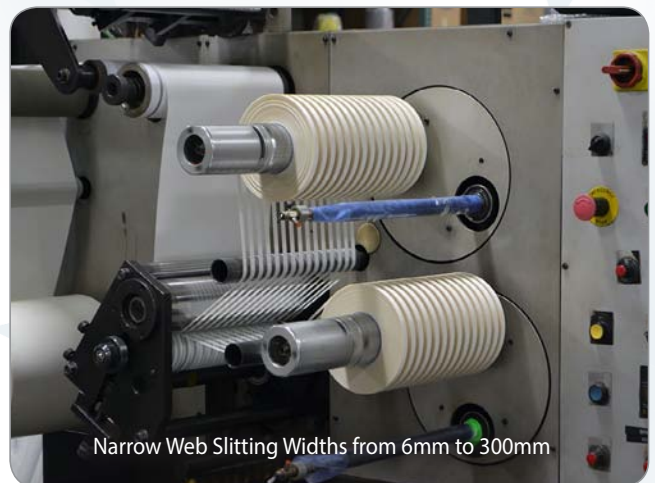
Lock, Slip and Differential Rewind Methods

## Narrow Web Slitting

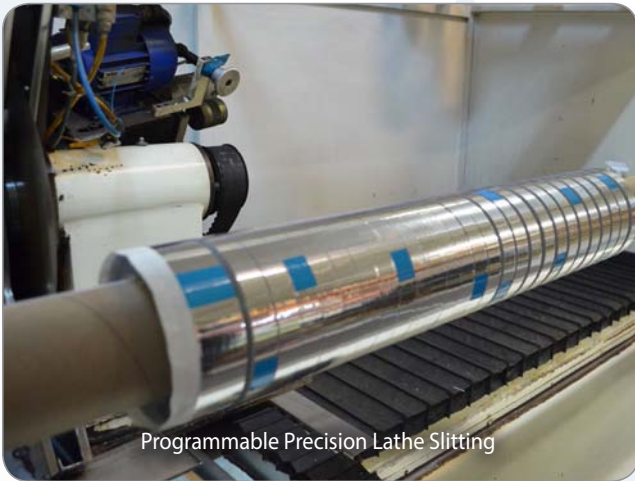
- Slitting methods: razor, score, rotary die and shear.
- Widths: 6mm to 300mm.
- Tolerance:  $\pm .03125$ , .005 upon request.
- Core sizes: 1" 1 1/2" and 3", up to 18" finished roll O.D.
- Laminating: four substrates up to 300mm.
- Rewind methods: lock, slip and differential (each roll is independent) core.
- Tabbing: Standard paper tabs for start-up and double-coated tabs for non-PSA products and lined products.
- Substrates: Non-PSA, PSA Single-faced, PSA Double-coated, Paper, Cloth, Films, Specialty, Butyl Rubber, Foams, Vinyl, PVC, etc.



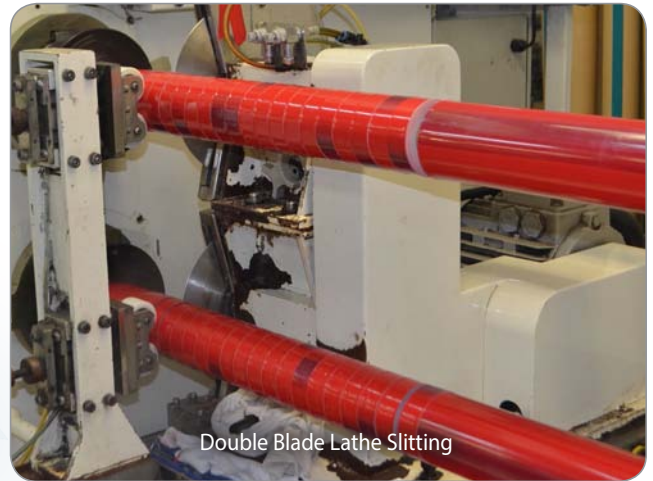
Narrow Web Rotary Die Slitting



Narrow Web Slitting Widths from 6mm to 300mm



Programmable Precision Lathe Slitting



Double Blade Lathe Slitting

## Lathe Slitting

- Single and double blade as well as saw blade
- Slit to widths as narrow as 1/64"
- Tolerance:  $\pm .005$ , up to 700mm (28") O.D. of base stock.
- Core sizes: 1", 1 1/2" and 3" I.D.
- Microprocessor controls, job numbers assigned for each customer, automatic setup
- Slitting profile controls: self-lubricating, auto sharpening, lock or driven blade
- Substrates: Non-PSA, PSA Single-faced, PSA Double-coated, Paper, Cloth, Films, Specialty, Butyl Rubber, Foams, Vinyl, PVC, etc.

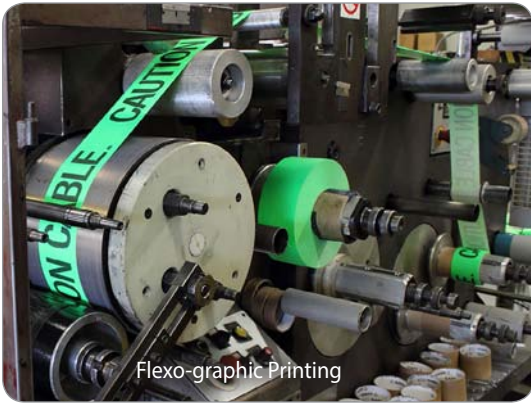


Controlled with Self Lubricating,  
Auto Sharpening Blade

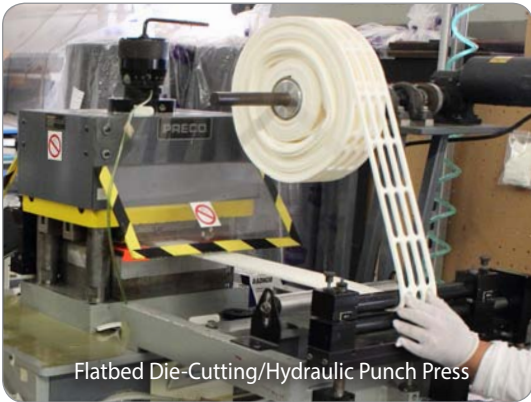


Lathe Slitting Machine Capabilities  
as Narrow as 1/64"





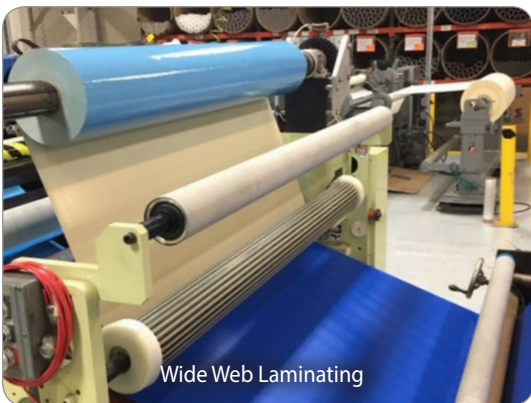
Flexo-graphic Printing



Flatbed Die-Cutting/Hydraulic Punch Press



Rotary Die-Cutting



Wide Web Laminating

## Specialty Services

### FLEXO PRINTING

- Up to 3 colors, repeats up to one meter, [39.37"].
- Substrate can be one color plus three color print (4 color).
- Ability to print & die-cut inline one pass.
- Web width up to 300mm.
- 1", 1 1/2" and 3" ID finished roll core capability.

### FLATBED DIE-CUTTING

- Can process thicker and larger parts
- Processing of thicker Volara® foams for medical use
- 12"x 12" die dimensions / steel rule tooling

### ROTARY DIE-CUTTING

- Repeats lengths from 6" up to 39.37".
- Can be processed in roll form or individual parts for more efficient customer use.
- Faster processing, more cost effective.
- Parts and liners can be printed as well as die-cut.
- Laminate up to 4 materials inline and multi-layer cut.
- Web widths up to 300mm.
- Waste/scrap ejection.
- Solid dies, flexible dies, floating dies, vacuum and air ejection.

### LAMINATING

- Wide web laminating up to three substrates 1800mm wide with full capabilities to slit or log finished product inline.
- Narrow web laminating up to five substrates 300mm wide with full capabilities to slit, die cut or print product inline.
- Capable of adding adhesive or release liners to a wide range of substrates up to 6mm in thickness.

## PACKAGING & FINISHING SOLUTIONS

- Fully automatic in-line roll wrapping
- Clear & printed sleeve wrapping
- Open and closed core shrink wrapping
- PSA roll labeling, in line
- Robotic case packing
- Bulk pack with silicone
- Poly and zip lock bagging
- Sleeve, single tower and accordion style wrapping
- Blister and clam shell display packs
- Core labeling sticker
- Private label branding
- In house design and support
- Custom designs: core, boxes, sleeves, shrink wrap, roll label
- Custom packaging configurations available
- Retail ready packaging
- GS1 Registered UPC barcoding available



Multi-Roll Closed Core Shrink Wrap with Roll Label & UPC Barcode



Closed Core Shrink Wrap with Roll Label



Polybag with Hang Tab



Open Core Shrink Wrap with Halfmoon Roll Label & UPC Barcode



Clamshell Packaging with Hang Tab & UPC Barcode



Individually Boxed Die-Cut Pieces



Envelope Packaging with Hang Tab and UPC Barcode





**Tapes & Specialties**



Expert Customer Support Team

### **YOUR PARTNER IN VALUE ADDED SOLUTIONS**

- Improve Product Quality and Performance
- Make a Product Easier To Use
- Improve Lot Traceability
- Lower Minimum Order Quantity
- Blanket Orders with Scheduled Releases
- Shorter Lead Time
- Drop Shipments

### **TECHNICAL ASSISTANCE**

- Converting & Packaging Solutions
- New Product Development
- Custom Products
- AutoCAD Design
- Experienced Sales Team with Field Support
- Knowledgeable Customer Service Staff



Order Picking



### **REGISTRATIONS, CERTIFICATIONS & COMPLIANCES**

- FDA Registered #3012336447
- GS1 Registered (UPC Barcoding)
- IMDS (Material System Data) Registered
- ISO 9001 Certified
- EDI Compliant
- QC Documentation Available
- Military Specifications
- Government Specifications
- Contract Bids

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