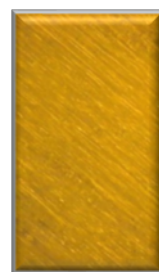


# Specialty Coated Abrasive Belt Splicing Tapes

Coated Tape has an exact thickness of dry, thermosetting adhesive applied to the yarn surface of the tape. The expected results when using this tape are reduced splice thickness, increased joint consistency, reduced labor and decrease solvent usage.

T900800*	T9021	T9022
Clear Film	Orange	Gold
Paper, Polishing Belts, No yarn profile	120 grit or finer	120 grit to 60 grit



## SPECIFICATION

Model Number	Tape Thickness (Max.)		Tensile Strength (Min.)		Application Notes
	Metric	English	Metric	English	
T900800*	0.080 mm	0.0031"	130 N/cm	75 lbs./in.	Paper or polishing belts, no yarn profile
T9021	0.107 mm	0.0042"	290 N/cm	165 lbs./in.	Ultimate abrasion and heat resistance
T9022	0.145 mm	0.0057"	402 N/cm	230 lbs./in.	Ultimate abrasion and heat resistance

Standard Bias Angle: 55°, 67°, 75° (reverse angles indicated by the letter "R" after model number)

Standard Roll Widths: 19 mm (¾") and 25.4 mm (1")

Standard Roll Lengths: 100 meter, (200 meter available)

Minimum Order Quantities could be required for certain Angles and Widths.

\* Clear Film - See pressing instructions on page 2

Tape Storage and Shipment: Coated tapes are shipped in insulated cartons with dry ice.

Rolls are individually packaged, with a desiccant, in a sealed plastic bag. To assure a shelf life of 90 days tape, must be stored at -29°C (-20°F) or lower.

Please consult Customer Support for complete details about our products.

## BELT MAKING PROCEDURE

### SPLICE PREPARATION

1. Cut belts to desired angle.
2. Abrade ends with wire brush, sandblast, etc.
3. Apply adhesive to both belt ends.



### SUGGESTED ADHESIVE PREPARATION

<u>Ingredient</u>	<u>Adhesive Formulation</u>	<u>Weight</u>	<u>Volume</u>
Resin:	Sheldahl® Brand Adhesives	100 parts by weight at 20% solids	100 volumes
Curing Agent:	Sheldahl® NE-S	9-11 parts by weight	8 - 10 volumes

Note: Adhesive can be applied using a roller coater or brush and is compatible with spray equipment when diluted. Allow adhesive to dry at room temperature for 20-40 minutes or 4 to 6 minutes at 66°C (150°F).

### SUGESSTED PRESS CYCLE

Place pre-tacked belt in bonding press with a release sheet/press pad configuration to prevent bonding to the heated bars. Suggested Press Cycle

<u>Parameters</u>	<u>English</u>	<u>Metric</u>
Temperature:	165°F to 185°F	75°C to 85°C
Pressure:	2000 to 3000 PSI	140 to 210 kgf/sq. cm.
Time:	5-9 seconds	5-9 seconds

Note: Adhesive open time dependent upon coating thickness, press temperature and room environment.

**\*Clear Film - Must be pressed Hot at 85°C (185°F) for 10 seconds**

### ADHESIVES AND CURING AGENT / HARDENER

Sheldahl® Brand Adhesives (see [IMPB-1000](#)) with Sheldahl® NE-S Curative (see [IMPB-1080](#))

*Product data is for information only and may vary dependent on individual products and processes. Sheldahl does not guarantee, nor will it accept obligation or liability based on the use of this data. All data is subject to change without notice.*