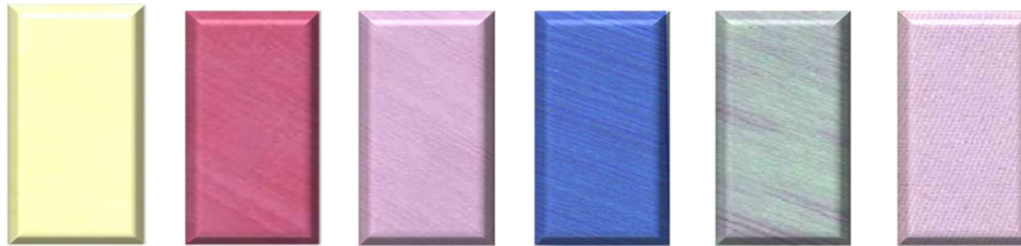




Coated Abrasive Belt Splicing Tapes

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.

T1931	T1787	T1789	T1641	T1727	T1877
Yellow	Pink	White	Blue	Green	Fabric
Paper Fine Grit J & X Wt. Paper/Poly	120 grit and finer	120 grit to 60 grit	100-40 grit high flex	60 grit and coarser	Air Tools & Non- Woven Abrasives



SPECIFICATION

Model Number	Tape Thickness (Max.)		Tensile Strength (Min.)		Application Notes
	Metric	English	Metric	English	
T1931	0.069 mm	0.0027"	175 N/cm	100 lbs./in.	ultra-thin, replace lap, J-Weight
T1787	0.094 mm	0.0037"	290 N/cm	165 lbs./in.	thin, versatile, highest flex
T1789	0.145 mm	0.0057"	402 N/cm	230 lbs./in.	most versatile, strength & flex
T1641	0.185 mm	0.0073"	542 N/cm	310 lbs./in.	high strength, high flex, uniform thickness
T1727	0.239 mm	0.0094"	595 N/cm	340 lbs./in.	strong abrasion and hinge resistant
T1877	0.198 mm	0.0078"	392 N/cm	224 lbs./in.	air tools, surface conditioning

Standard Bias Angle: 55°, 67°, 74° and 80° (reverse angles indicated by the letter "R" after model number)

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

Standard Roll Lengths: 76 meters (152 meters available)

NOTE:

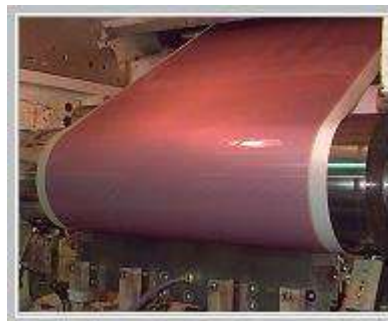
Tape Storage and Shipment: Coated tapes are shipped in insulated cartons with dry ice.

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

Ingredient	Adhesive Formulation	Weight	Volume
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.

Parameters	English	Metric
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.

ADHESIVES AND CURING AGENT / HARDENERS

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

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