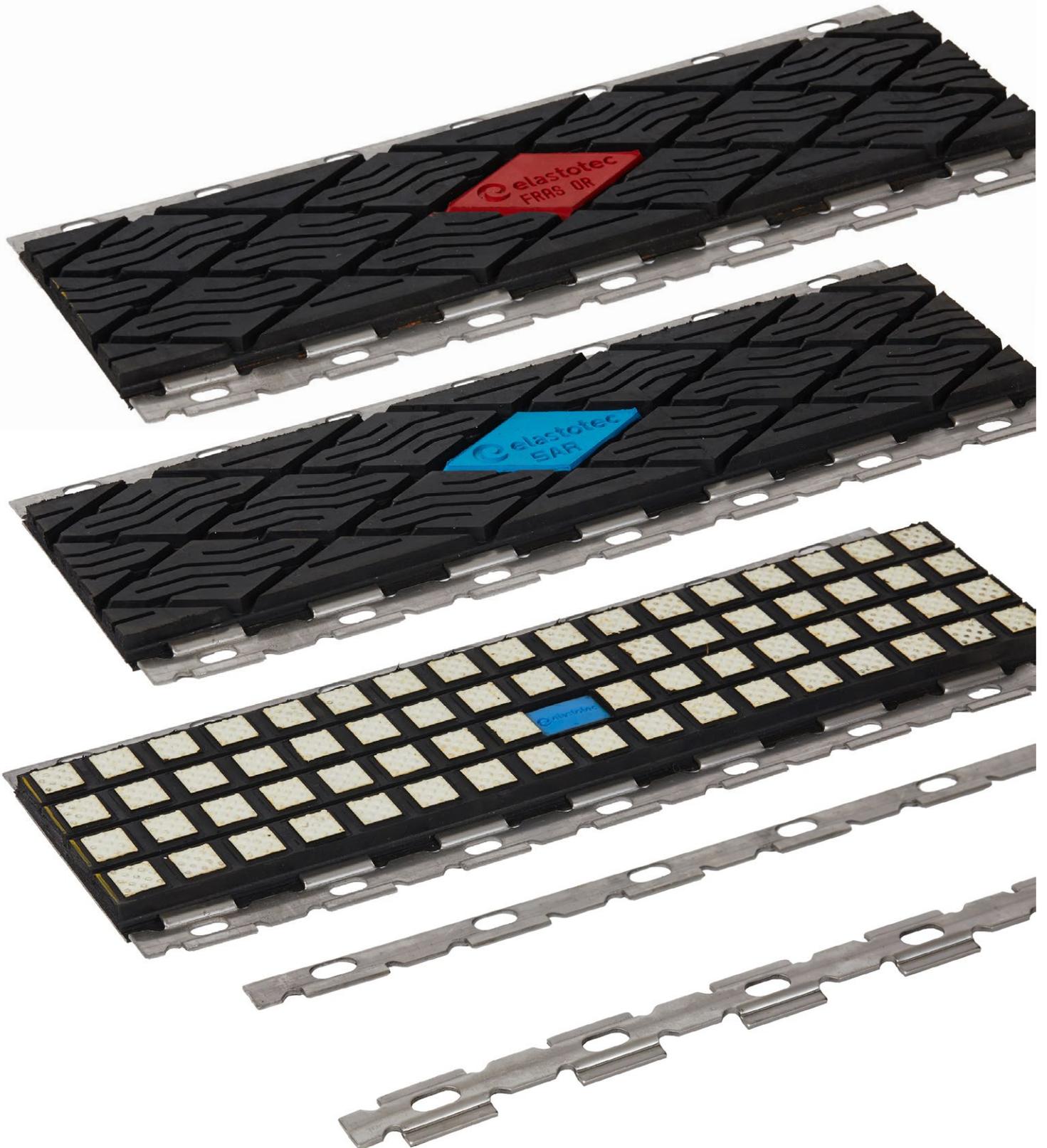


Slide Lagging

APPLICATION PROCEDURE



SLIDE LAGGING APPLICATION PROCEDURE

Work Instruction

DEVELOPED BY: Mariana Ballestrin	DATE ORIGINATED: 26/08/2019	REVISION VERSION: 1
REVIEWED BY:	DATE REVIEWED:	NEXT REVIEW: 26/08/2020
PPE REQUIRED:	Welding goggles, gloves and respirator, safety shoes, safety glasses, welding screen	
BASIC LABOUR COMPETENCY STANDARDS:	Welding experience	

ADVANTAGES OF THE ELASTOTEC SLIDE LAGGING APPLICATION PROCEDURE

- ✓ Hot vulcanized bonded lagging for rubber tear adhesion
- ✓ Premium rubber quality for maximum service life
- ✓ Slide Lagging supplied by Elastotec as a kit cut to fit your pulley
- ✓ Elastotec Slide Lagging strips pre formed to fit your pulley diameter
- ✓ Detailed application method to maximise performance
- ✓ **Only available through Approved Applicators that have been trained by Elastotec**

Safety Requirements

- Approved hearing protection:



- Approved respirator:



- Approved safety boots:



- Approved hand gloves:



Required Tools & Equipment

- Set Square
- Chisel
- Clamps
- Hammer
- MIG Welder
- Marker
- Tape Measure
- Calculator
- Level

SLIDE LAGGING APPLICATION PROCEDURE

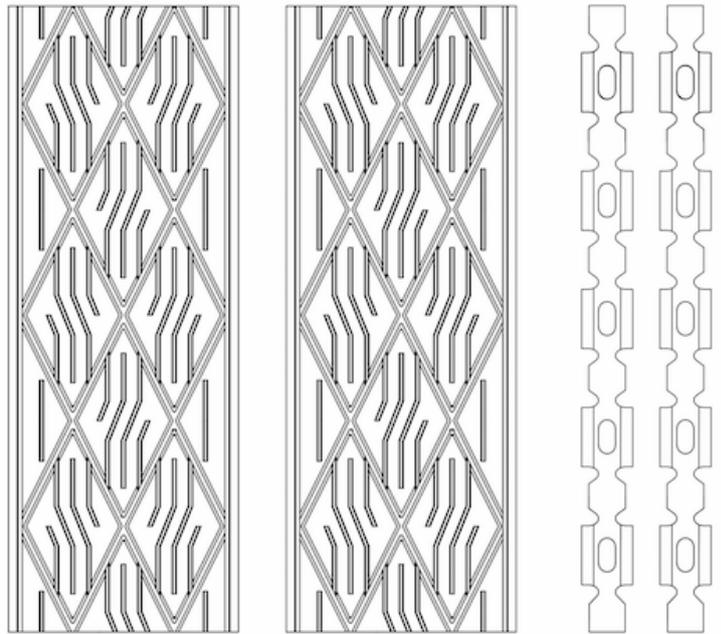
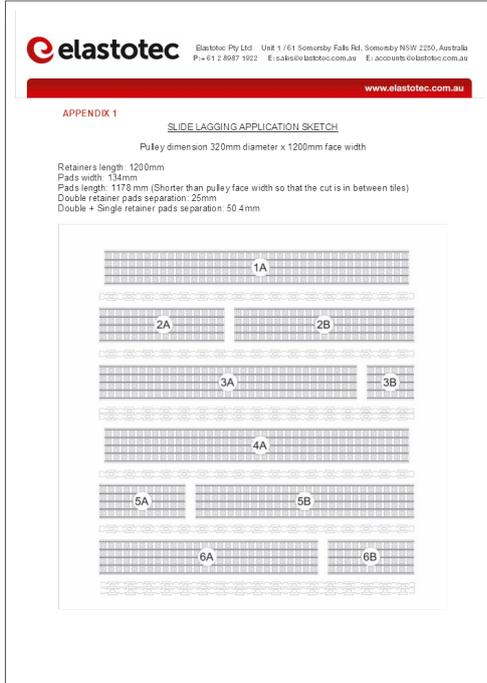
Work Health & Safety Issues

STEPS	SEQUENCE	POTENTIAL HAZARDS	RECOMMENDED SAFE JOB PROCEDURES	HAZARD RATING
1.	Mount pulley to stand using mandrel	Crush injury from pulley turning	Ensure a suitable stand and mandrel are used for the pulley weight and size	3
2.	Welding of retainers	Burns, fire	Welding gloves and protective clothes	3
3.	Welding of retainers	Eye damage	Welding helmet/goggles	4
4.	Welding of retainers	Welding fumes & chemical exposure	Welding helmet/respirator	4
5.	Apply lagging	Use of hammer, crush injury	Protective gloves	4
5.	Apply lagging	Use of chisel, crush injury	Protective gloves	4

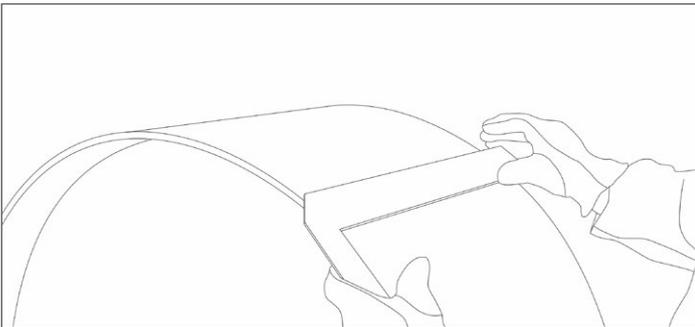
RISK ASSESSMENT TOOL (MATRIX)	CONSEQUENCES			
	Major (eg, Death / Disability)	Serious (eg, Serious injury / Lost Time)	Minor (eg, First Aid Injury)	Insignificant (eg, incident but no injury)
Very Likely (and will almost certainly happen)	1 Extreme	2 High	2 High	3 Medium
Likely (and will probably happen at sometime)	2 High	2 High	3 Medium	3 Medium
Unlikely (but could happen at sometime)	2 High	3 Medium	3 Medium	4 Low
Very unlikely (and Might happen only rarely)	3 Medium	3 Medium	4 Low	4 Low

SLIDE LAGGING APPLICATION PROCEDURE

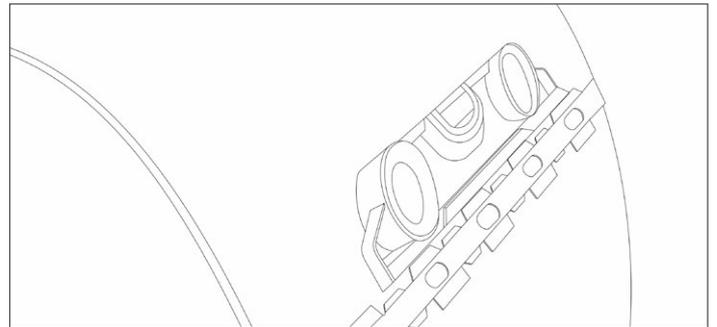
1. **Preparation:** Get your Elastotec slide Slagging pads and retainers sketch. Position your retainers and pads on the floor to match the sketch.



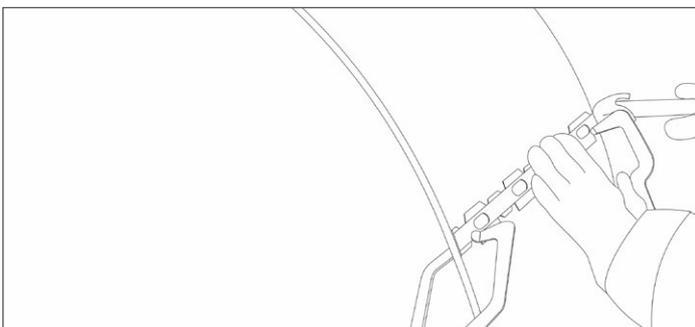
2. Use a square to mark your starter strip across the pulley face width



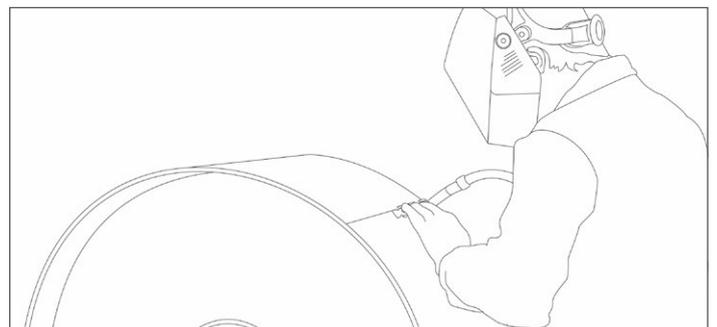
4. Check alignment of retainer by level



3. Place the first retainer over the line marked. Use clamp to fix the retainer strip along the marked line on both sides.

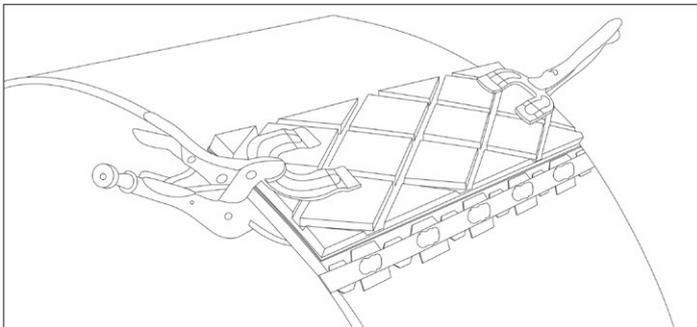
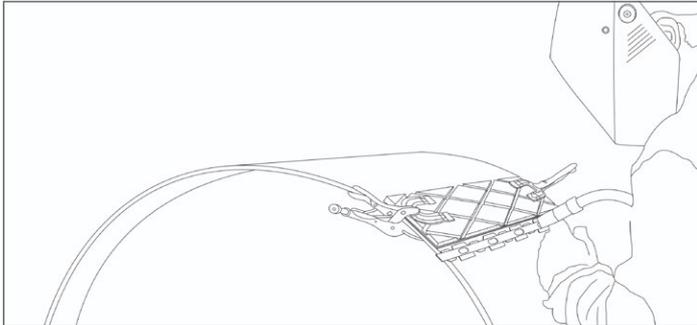


5. Tack weld the retainer strip onto the rim



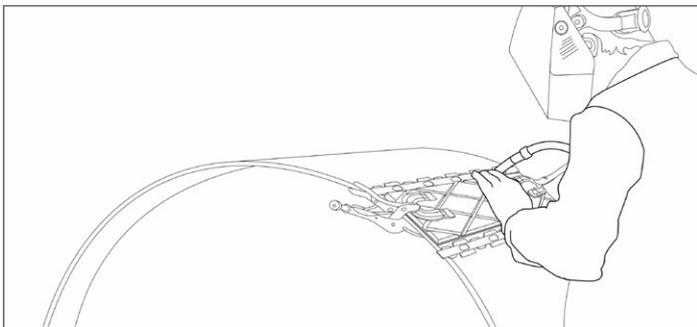
SLIDE LAGGING APPLICATION PROCEDURE

6. Use clamp to fix Slide Lagging into retainer strip. Place first row of Slide Lagging supplied on the Elastotec sketch.



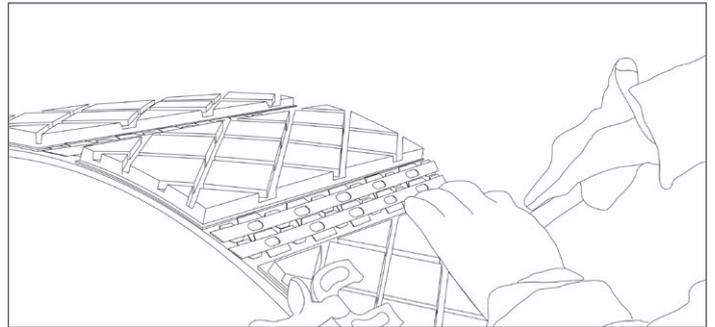
7. Finish plug welding the entire starter row retainer. Performing the full weld after Slide Lagging is in place makes placing the lagging pad/s steel edges under the retaining tabs easier

8. Position the second retainer to hold the opposite edge of the Slide Lagging. Plug weld it in place.

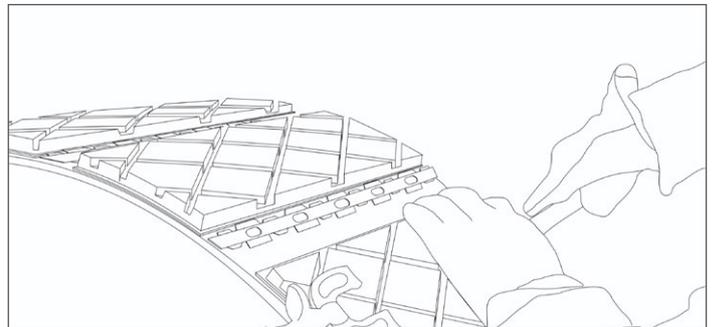


9. Add a new row of Slide Lagging and repeat the retainer installation all around the pulley until you have three remaining rows to install.

10. Use Elastotec Slide Lagging sketch provided for your specific pulley as a reference for using the combination of double and single retainers to spread the gaps between lagging pads. Combination of single and double retainers can be used when gaps are too wide for one retainer but too narrow for another pad row.



11. Test fit the last three rows to see how wide the gap between your starter and final strip pads row is. If the final gap is excessive use single retainer strip and space out the last two or three rows of Slide Lagging for a smaller last gap.



12. Hammer the retainer strip onto the edge of the Slide Lagging.



13. Weld retainer onto the rim tightly.

14. Hit retainer strip onto the edge of the Slide Lagging and rim by chisel.

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APPENDIX 1

SLIDE LAGGING APPLICATION SKETCH

Pulley dimension 320mm diameter x 1200mm face width

Retainers length: 1200mm

Pads width: 134mm

Pads length: 1178 mm (Shorter than pulley face width so that the cut is in between tiles)

Double retainer pads separation: 25mm

Double + Single retainer pads separation: 50.4mm

