

Pulley & Roller Lagging

JSIS Engineering (JSIS) is a Market and Industry Leader when it comes to re-lagging of Polyurethane (PU) Pulleys and Rollers. With the use of premium polyurethane from Australia's largest supplier of high performance prepolymers, certified to ISO 9001 and compliant with ISO/IEC 17025, our Pulleys and Rollers have the ability to withstand and last in the harsh environments of all Australian Industries. Specialising in Fire Retardant Anti Static (FRAS) rated PU products and holding MDG 3608 FRAS compliant certification, JSIS are able to help your company comply with the safety requirements for Underground Mining, as well as surface operations.

JSIS has prided itself on producing high quality products which over time has cemented our name as one of the best in the industry. With strict Blast Profile requirements our current Peel Adhesion testing process to AS1683.14.1 produced consistent results of between 38N/mm to 50N/mm which exceeds the industry standard minimum of 14N/mm.

With permanent oven and other equipment infrastructure located within our North Mackay facility JSIS is able to complete all of your re-lagging needs in house. That current infrastructure allows for the re-lagging of pulleys and rollers ranging in sizes of between 200mm up to 1600mm in diameter and 2650mm in length. This, in addition to stocking an extensive range of adaptable moulds that suit common size Pulley or Rollers, allows JSIS to provide our Clients with a quick turn around time.

In addition to polyurethane re-lagging, our pulley and roller capabilities broaden to include an array of additional services offered for custom or standard pulleys and rollers that include but are not limited to:

- Rubber Re-Lagging
- Ceramic Re-Lagging
- Full Strip and Refurbishments
- Machining to finished machine size
- Grooving to Herring Bone or Diamond Pattern
- Shaft and Bearing Replacement
- Supply of New Pulley or Roller

