Ceramic Pulley Lagging

PRODUCT INFORMATION FIXED PLANT

Function

- Arrowhead Ceramic provides increased grip between conveyor pulley and conveyor belt under conditions beyond the capacity of normal rubber lagging
- To provide high levels of resistance to abrasion
- To displace water and fugitive material that would otherwise cause belt slip
- To protect the pulley shells from wear

Advantages

- 250mm wide strips with 82mm repeating pattern for cost-effective installation and pattern matching
- Available with both FRAS and natural rubber grades in thickness of 10mm, 12mm, 16mm and 20mm
- Each ceramic tile is encased by rubber on five sides ensuring superior bond
- Significantly improved drive values enable reductions in take up weights thus increasing belt and splice life. Arrowhead Ceramic lagging provides a geared drive effect to difficult conveyors
- Superior water shedding from the Arrowhead Pattern
- Supplied pre buffed on both edges and bonding face for ease of installation and accurate T.I.R
- Bonding layer of neoprene rubber ensures superior bond between pulley shell and lagging.
- CQMS Razer is 100% Australian owned and operated

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Applications

- For high wear, high tension, contaminated and/or wet operating environments
- For increased conveyor drive efficiency and prevention

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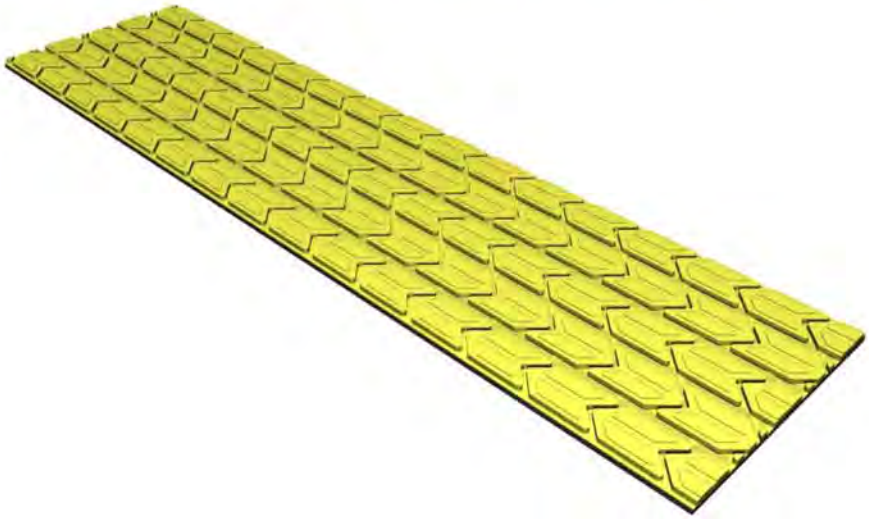
Strip Polyurethane Pulley Lagging



PRODUCT INFORMATION FIXED PLANT

Function

- To provide increased wear life, improved shedding of build-up and quieter operation over and above rubber lagging on non drive pulleys
- For in-situ installation using conventional lagging methods and materials
- Provides superior life - typically six times that of rubber
- To prevent wear to the metal pulley shell thus increasing pulley life expectancy

Advantages

- The polyurethane wear layer provides abrasion resistance of DIN 35mm3.
- Provided in 250mm wide strips with an 82mm repeating pattern for cost-effective installation and pattern matching.
- A special bonding layer of neoprene rubber moulded to the back of the lagging enables exceptional bond strength with the pulley shell
- Superior water shedding and quieter performance from the Arrowhead Pattern
- Precision moulding ensures consistent dimensional and physical properties. Thickness is typically better than ±.005mm
- Supplied pre buffed on edges and bonding face for ease of installation
- CQMS Razer is 100% Australian owned and operated

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Applications

- On all non-drive pulleys where shell life, water dispersion and/or material build up is a concern

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Rubber Pulley Lagging

PRODUCT INFORMATION FIXED PLANT

Function

- To provide positive drive through friction between the lagging surface and the bottom cover of the belt
- To provide positive displacement of water and contaminates so as to maintain high co-efficient of friction values under all conditions
- To prevent wear to the metal pulley shell thus increasing pulley life expectancy
- To enable easy replacement without removing the pulley from the conveyor

Advantages

- Provided in 250mm wide strips with an 82mm-repeating pattern for cost effective installation and pattern matching
- The unique block pattern ensures quieter operation and no section pull out under high torque conditions
- A special bonding layer of neoprene rubber moulded to the back of the Razer Lag enables high lagging to pulley bond strength. This also means that abrasion resistance is not compromised to achieve high bond strength
- Precision moulded and press cured ensures consistent dimensional and physical properties. Thickness is typically better than ±0.5mm
- Supplied pre buffed on the bonding face and edges for ease of installation
- CQMS Razer is a 100% Australian owned and operated company
- FRAS Grade Product covers legislative requirements for Fire Resistance and Anti Static applications

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Applications

- Available in Natural and FRAS compounds
- On all pulley shells where shell life, water dispersion and/or material build up is a concern
- For substantially higher drive friction factors and increased service life in contaminated conditions please refer to Ceramic Pulley Lagging.

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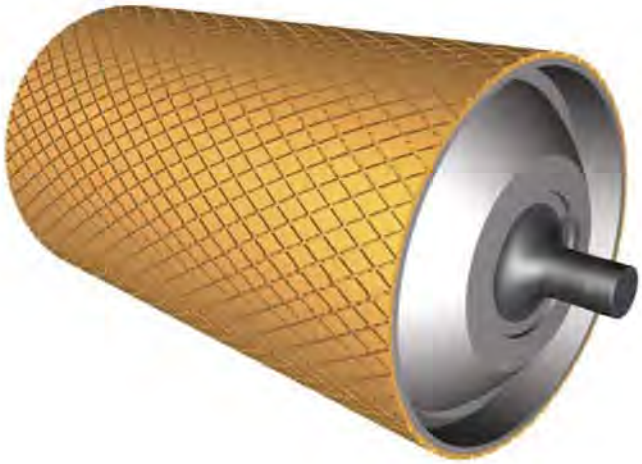
Hot Cast Polyurethane Pulley Lagging

PRODUCT INFORMATION FIXED PLANT



Function

- Razerthane polyurethane is hot cast applied to provide increased wear life, improved shedding of build up and quieter operation on non drive pulleys
- Provides superior lagging life, generally lasting 6 times longer than conventional rubber
- Prevent wear to the metal pulley shell thus increasing pulley life expectancy
- Razerthane can be manufactured in both FRAS and standard grade compounds

Advantages

- Virtually any size pulley can be lagged at CQMS Razer's own polyurethane division
- With all surface treatments such as abrasive blasting done in house secondary contamination is removed and quality control is optimal with CQMS Razer specialists in the exacting requirements of the bonding process
- Pulleys are fully machined with T.I.R down to 0.02mm achievable
- Razerthane elastomers offer exceptional abrasion resistance, impact and cut resistance when compared to rubber
- Lengths up to 3600mm and diameters up to 2000 mm
- Bond strength typically >20n/mm
- Thicknesses up to 32mm can be specified to increase service life of the pulley lagging
- CQMS Razer is 100% Australian owned and operated

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Applications

- For all non-drive pulleys where shell life, water dispersion and/or material build up is of concern

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