


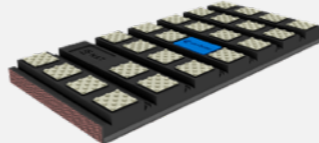
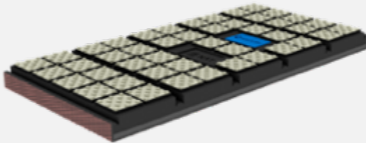
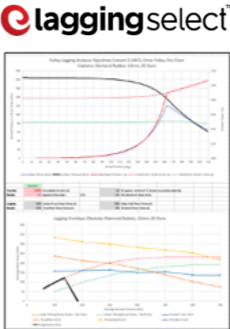
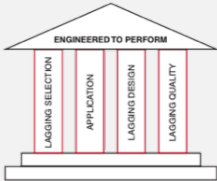

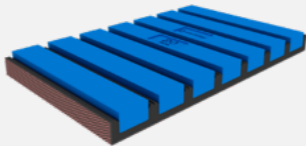
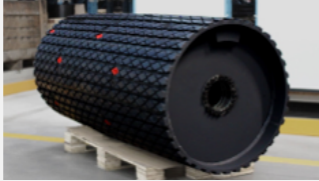

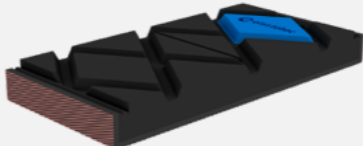
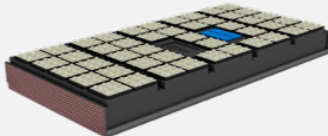
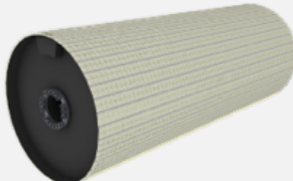
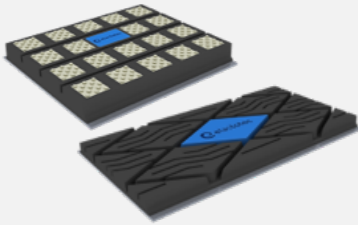


LAGGING TYPE	RUBBER DIAMOND LAGGING	DIAMOND 15% CERAMIC LAGGING	SINGLE ROW MEDIUM 20% CERAMIC LAGGING	SINGLE ROW MEDIUM 38% CERAMIC LAGGING	DOUBLE ROW 80% CERAMIC LAGGING	KEY BENEFITS OF ELASTOTEC LAGGING AND SUPPORT OFFERINGS	
Lagging Image							
Best Suited Applications	Low to medium tension applications on Drive Pulleys when traction/belt slip is not a concern, and Non-Drive Pulleys when wear is not a concern.	Low tension applications on Drive Pulleys when more traction is required compared to Rubber Diamond Lagging. Should only be used on systems that use fabric/textile belt, not steel cord belt.	Low/Medium tension applications on Drive Pulleys when more traction is required compared to Rubber Diamond Lagging, and Non-Drive pulleys when extra wear protection is needed. Should only be used on systems that use fabric/ textile belt, not steel cord belt.	Low/Medium tension applications on Drive Pulleys when more traction is required compared to Rubber Diamond Lagging, and Non-Drive pulleys when extra wear protection is needed. Can be used on systems that use fabric/textile belt, and low/ medium rated steel cord belt.	Medium/High tension applications on Drive Pulleys when more traction is required compared to Rubber Diamond Lagging, and Non-Drive pulleys when extra wear protection is needed. Should be used on systems that use steel cord belt, or high rated fabric/textile belt.		The LaggingSelect engineering software helps to analyse lagging failures, and suggest the right lagging for each application. The program can predict localised slip and potential areas of lagging fatigue, ensuring that pulley lagging and the conveyor belt work together which will prevent premature wear and damage, and optimise conveyor performance.
Typical Industries	Used on Drive pulleys in industries such as quarries, aggregates and light duty coal mining, and Non-Drive pulleys across most industries in low wear applications.	Used on Drive pulleys in quarries, aggregates, and light duty coal mining.	Used on Drive and Non-Drive pulleys for quarries, aggregates, and light/medium duty coal mining.	Used on Drive and Non-Drive pulleys for quarries, aggregates, light/medium duty coal mining and light duty hardrock mining.	Used on Drive and Non-Drive pulleys for heavy duty coal mining and heavy duty hardrock mining.		Elastotec focus on the 'Four Pillars of Lagging Performance': <ul style="list-style-type: none">• Lagging Selection• Lagging Application• Lagging Design• Lagging Quality
Drive Pulley Applications	X	X	X	X	X		
Non-Drive Pulley Applications	X		X	X	X		
NAT/SBR Rubber	X	X	X	X	X		
FRAS/MSHA Certified Rubber	X	X	X	X	X		
FOR Oil Resistant Rubber	X	X	X	X			
Dimpled Ceramic Tile (for Drive pulley applications)		X	X	X	X		
Smooth Ceramic Tile (for Non-Drive pulley applications)			X	X	X		
Cold Bond Installation	X	X	X	X	X		
Hot Vulcanised Installation	X	X	X	X	X		Bonding of our materials (eg ceramic tiles to rubber) and the adhesion of our lagging to the pulley shell are a key focus for Elastotec. Regular testing is conducted, and guarantees are provided to support our products and procedures.

*** This information is provided as a guide only. To accurately determine the optimal lagging for a specific application, an Elastotec LaggingSelect analysis should be conducted.

*** Lagging is available in various thickness. Thinner lagging is recommended for smaller diameter pulleys, and thicker lagging is recommended for larger diameter pulleys

LAGGING TYPE	POLYURETHANE	CROWNED RUBBER LAGGING	CROWNED CERAMIC LAGGING	EXTREME RUBBER LAGGING	EXTREME CERAMIC LAGGING	DIRECT BOND CERAMIC LAGGING	SLIDE LAGGING
Lagging Image							
Best Suited Applications	Non-Drive pulleys when material build up or carryback is an issue, on pulleys in contact with the belt top cover (eg High Tension Bend Pulleys), or as an alternative to rubber lagging if wear is an issue. Polyurethane is 2-3 times more wear resistant compared to Rubber Diamond NAT/SBR Lagging.	Non-Drive pulleys to help with resolving belt tracking issues that are in low wear applications. Lagging can be applied to flat pulley shells so no machining is required, and the built in taper means there is no need to add additional layers of filler rubber to create the crown. Crowned lagging is applied the same as all other lagging types.	Non-Drive pulleys to help with resolving belt tracking issues that are in high wear applications. Lagging can be applied to flat pulley shells so no machining is required, and the built in taper means there is no need to add additional layers of filler rubber to create the crown. Crowned lagging is applied the same as all other lagging types.	Extreme Drive and Non-Drive applications when standard Rubber Diamond Lagging is wearing, or on pulleys in contact with the belt top cover (eg High Tension Bend Pulleys) to help prevent material build up. Only suitable for medium and large diameter pulleys, and Extreme rubber compound is 2-3 times more wear resistant compared to Rubber Diamond NAT/SBR Lagging.	Extreme Drive and Non-Drive applications when standard Ceramic Lagging is wearing, or ceramic tiles are breaking or being pulled from rubber backing. Also suitable for extreme conditions like very low/high temperatures, very high tensions, and high powered drive pulleys. Only suitable for medium and large diameter pulleys.	Drive and Non-Drive applications when lagging debonding issues or lagging wear must be avoided. Drive applications should be restricted to steel cord belt (not fabric/textile belts), while Non-Drive applications are ok for all belt types. Not suitable in applications when carryback/material build up are present. A LaggingSelect analysis is recommended for Drive applications to avoid potential slip.	Drive and Non-Drive applications on low tension systems. Commonly used in bucket elevators, aggregate plants, and grain handling facilities when quick change lagging is required. Retainer strips are welded onto the pulley shell, and the steel backed lagging pieces slide in from the side. Suitable for fabric/textile belts only (not steel cord belts).
Drive Pulley Applications				X	X	X	X
Non-Drive Pulley Applications	X	X	X	X	X	X	X
NAT/SBR Rubber	X	X	X		X		X
FRAS/MSHA Certified Rubber		X	X		X		X
FOR Oil Resistant Rubber							X
Extreme Rubber (high abrasion resistance)				X			X
Dimpled Ceramic Tile (for Drive pulleys)					X	X	X
Smooth Ceramic Tile (for Non-Drive pulleys)			X		X	X	X
Cold Bond Installation	X	X	X		X		
Hot Vulcanised Installation	X (hot air autoclave only)	X	X	X	X		
Direct Bond Epoxy Installation						X	
Mechanically Fastened Installation							X

*** This information is provided as a guide only. To accurately determine the optimal lagging for a specific application, an Elastotec LaggingSelect analysis should be conducted.

*** Lagging is available in various thickness. Thinner lagging is recommended for smaller diameter pulleys, and thicker lagging is recommended for larger diameter pulleys