



**RAZER  
INDUSTRIES PTY LTD**



## Product Information Sheet

### PolyLag Vs Rubber Lagging Cost Comparison

Typical Lagging Cost Comparison		
Pulley Face	1550mm	
Pulley Diameter	800mm	
	Cost to Lag	
	Rubber	PolyLag
Lagging		
Metal Primer		
Adhesive		
Total		
Labour & Consumables (Est)		

Accumulated Lagging Costs		
1st Time Lagged		
2nd Time Lagged		No further lagging required. PolyLag outlasts rubber minimum 6 to 1 times.
3rd Time Lagged		
4th Time Lagged		
5th Time Lagged		
6th Time Lagged		
Total Costs =		

#### Other Considerations

Razer's 'PolyLag' is manufactured from Razerthane with a cured Neoprene Rubber backing. Bond strengths achieved are in excess of Hot Vulcanized lagging typically reaching 22 N/mm. Interlamellar bond strengths are typically 18 N/mm.

- > Razerthane is available in 2 hardnesses. Each guaranteed by Razer to outwear Rubber by a minimum of 6 to 1.
- > No consideration is given in the above costs to:
  - Downtime costs of the conveyor which will inevitably exceed the initial lagging cost.
  - Additional O, H&S costs associated with the potential for injury on frequently relagging pulleys.
- > Razerthane will not work harden and is not subject to Ozone cracking.
- > Razerthane assists in shedding of any build-up that may otherwise occur on pulley shells.
- > The Unique Arrowhead pattern disperses water and mud effectively while operating more quietly than conventional Diamond Lagging Patterns.

#### Product Limitations

- > Razer 'PolyLag' is not recommended for Drive Pulleys.

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