



RUDEX AUSTRALIA

RUBBER & CONVEYOR SOLUTIONS

RuDex - CERAMIC PULLEY LAGGING

FEATURES

RuDex - Ceramic Pulley Lagging provides increased grip between conveyor pulley and conveyor belt. Provides high levels of resistance to abrasion, also to displace water and fugitive material that would otherwise cause belt slip and to protect the pulley shells from wear.

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. Superior water shedding from Arrowhead pattern.

TECHNICAL INFORMATION

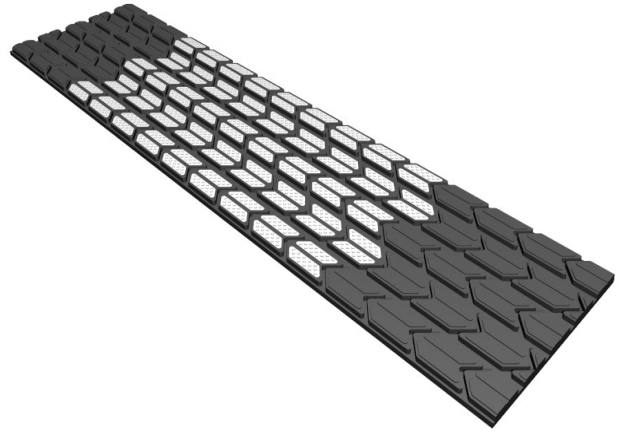
Physical Property	Rubber & Ceramic	
	Natural	FRAS*
Hardness Shore "A" - Tolerance ± 5	68	70
DIN Abrasion mm ³ - Tolerance ± 7	60	190
Tensile Strength Mpa	18	20
Elongation @ Break %	450	490
Modulus 100% MPa	2.40	1.83
Tear Strength N/mm	50	56
Specific Gravity g/cm ³	1.13	1.30
Strip Width mm - Tolerance ± 2 mm	250	250
Lagging Thickness Tolerance mm	-0.1 + 0.5	-0.1 + 0.5
Ceramic Tile - Aluminium Oxide	92%	92%

AVAILABLE SIZES

Standard Thickness

Available with both FRAS and natural rubber grades in thickness of 10mm, 12mm, 16mm and 20mm

Cut lengths, strips and custom shapes are available upon request



APPLICATIONS

RuDex - Ceramic Pulley Lagging has been designed primarily for the lining of mining and mineral processing equipment.

- » Increased grip between conveyor pulley and conveyor belt
- » High levels of resistance to abrasion
- » High wear, high tension, contaminated and/or wet operating environments
- » Increased conveyor drive efficiency and prevention of belt slip
- » Bonding layer of neoprene rubber ensures superior bond between pulley shell and lagging
- » Protects the pulley shells from wear