

Cera-Grip Ceramic Strip Lagging

Cera-Grip Ceramic Strip Lagging is a premium grade wear resistant composite ceramic pulley lagging strip with CN bonding layer.

FEATURES

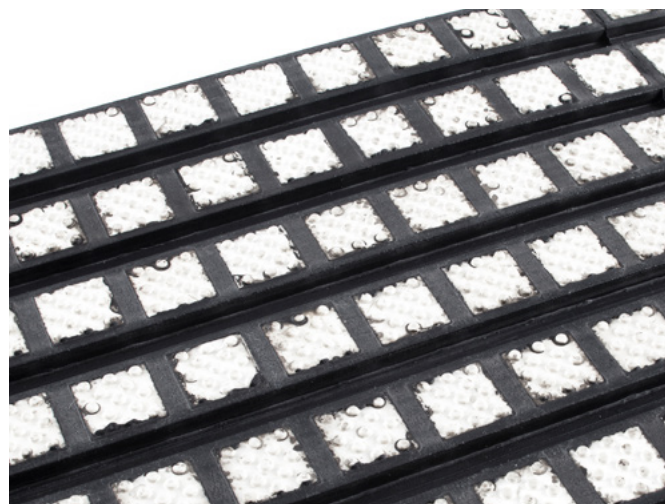
Cera-Grip Ceramic Strip Lagging is made from a highly elastic premium natural rubber compound. It contains embedded wear resistant alumina ceramic tiles for extreme abrasion resistance.

Cera-Grip contains dimpled ceramic tiles which maximizes the coefficient of friction between the pulley and belt, reducing slippage. Each ceramic tile contains rubber around all sides for ultimate adhesion within the lagging and to allow flexibility of the tile. This flexibility ensures the tile can contact the belt correctly ensuring maximum grip whilst reducing wear to the conveyor belt cover.

Cera-Grip Ceramic Strip Lagging features a grooved profile surface. This design prevents material buildup and assists with shedding dirt and water away from the pulley.

Cera-Grip is supplied in strip form for easy application to the pulley, in-situ if required.

Cera-Grip features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



TECHNICAL INFORMATION

Polymer	NR/BR	
Colour	Black with CN bonding layer	
Specific Gravity	1.10	
Hardness	60° ± 5° Shore A	ASTM D2240
Tensile Strength	20 MPa (min)	ASTM D412
Elongation @ Break	450% (min)	ASTM D412
Abrasion	90 mm ³ (max) @ 10N	ASTM D5963
Temperature Range	-20°C to +70°C	
Tear Strength	80 N/mm (min)	ASTM D624

TECHNICAL INFORMATION (CONT.)

Ceramic Tile	92% Alumina content	
Density	3.65 g/cc	ASTM C373-99
Hardness (Rockwell)	77 R45N	ASTM C1327
Compressive Strength	1950 Mpa (min)	ASTM C1424-04
Flexural Strength	320 Mpa (min)	ASTM C1161-02c
Water Absorption	0%	ASTM C373-88
Abrasion by Impingement	0.05 grams (max)	
Abrasion by Rubbing	0.1 grams (max)	

AVAILABLE SIZES

Reglin stock Cera-Grip Ceramic Strip Lagging in standard thicknesses. It is available in a range of strips to suit specific belt and pulley widths as well as rolls with full ceramic area that can be cut to suit any pulley.

PART NO.	SIZE	WEIGHT (EACH)
CPL0650	12mm x 385mm x 1050mm (Ceramic Area 950mm)	8.8 kgs
CPL0800	12mm x 385mm x 1200mm (Ceramic Area 800mm)	7.8 kgs
CPL0950	12mm x 385mm x 1350mm (Ceramic Area 950mm)	8.8 kgs
CPL1100	12mm x 385mm x 1500mm (Ceramic Area 1100mm)	9.8 kgs
CPL1250	12mm x 385mm x 1650mm (Ceramic Area 1250mm)	10.8 kgs
CPL1600	12mm x 385mm x 2000mm (Ceramic Area 1600mm)	13 kgs
CPL1850	12mm x 385mm x 2250mm (Ceramic Area 1850mm)	14.4 kgs
CPL1350-15	15mm x 385mm x 1750mm (Ceramic Area 1350mm)	11.8 kgs
CPL1550-15	15mm x 385mm x 1950mm (Ceramic Area 1550mm)	14.5 kgs
CPL1700-15	15mm x 385mm x 2100mm (Ceramic Area 1700mm)	15.9 kgs
CPL1850-15	15mm x 385mm x 2550mm (Ceramic Area 1850mm)	17 kgs
CPLR	12mm x 385mm (15 Meter Roll) (Full Ceramic Area)	6.5 kgs (per L/M)