

Cera-Grip ST Ceramic Strip Lagging

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

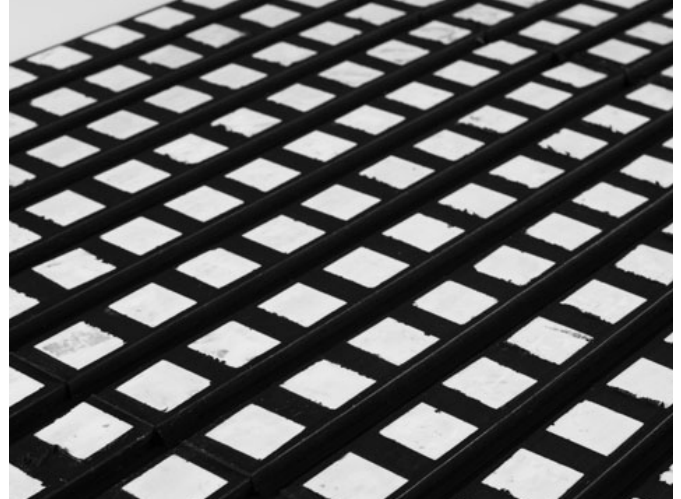
FEATURES

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

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

Cera-Grip ST Ceramic Strip lagging is custom made to order. It can be supplied in a range of standard strips to suit specific belt and pulley widths as well as rolls with full ceramic area that can be cut to suit any pulley. Lead times and minimum order quantities apply to this product.