



# CERA-GRIP CERAMIC STRIP PULLEY LAGGING

60 Duro | Wear Resistant | Natural Rubber & Ceramic Composite | Dimple Tile | CN Bonding Layer

## FEATURES

CERA-GRIP Ceramic Strip Pulley Lagging is a black, premium grade, highly elastic premium grade wear resistant 60 Duro blended natural and synthetic rubber strip designed for use, as a rubber lagging on conveyor pulleys on conveyor systems.

CERA-GRIP contains wear resistant 92% alumina ceramic tiles vulcanised within the rubber on all 5 sides, for ultimate abrasion resistance, whilst maintaining flexibility. This allows for flex of the tiles against the conveyor belt, shedding excess material and reducing build-up whilst reducing wear on the conveyor belt itself.

CERA-GRIP Ceramic tiles have a dimpled surface, which are embedded into the conveyor cover to maximise grip. The grooves are for shedding dirt and water away from the pulley. This also increases the coefficient of friction between the drive pulley and conveyor belt, increasing grip and reducing slippage, improving drive and tracking of the conveyor belt.

CERA-GRIP Strip Pulley Lagging is supplied with a specially formulated Neoprene based CN Bonding Layer to achieve ultimate adhesion when bonded to steel pulley surfaces. To achieve this ultimate bond strength, the TRS range of cold vulcanising adhesives is recommended.

The CN bonding layer and TRS adhesive system is extremely flexible and allows for good bond strength to be achieved even in adverse conditions often encountered when application is occurring on site and on operational equipment.

## TECHNICAL INFORMATION

Aluminium Oxide $Al_2O_3$	92% (min)	
Density	3.65 g/cc	ASTM C373-88
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

**STANDARD THICKNESS** 12mm, 15mm\*

\*Min order quantities and lead times apply to this product

**STANDARD ROLL SIZE** 385mm x 6.5mtrs

**STANDARD STRIP SIZES** See reverse **CERAMIC PROFILE** See reverse



## APPLICATIONS

CERA-GRIP Ceramic Strip Pulley Lagging has been designed primarily for use as a lagging of conveyor belt pulleys to maximise grip and reduce wear and corrosion of the pulley shell.

CERA-GRIP Strip Pulley Lagging is designed to be applied to conveyor drive pulleys operating in extreme conditions. It is suitable for use in wet and dirty conditions and high belt tension applications.

It's mainly used for conveyor system applications in the mining, quarrying and mineral and metals processing industries but can be used on conveyor pulleys in any application where required.

CERA-GRIP Strip Lagging is supplied as a strip 385mm wide, ready for easy application without removing the pulley if required.



**CN bonding layer**

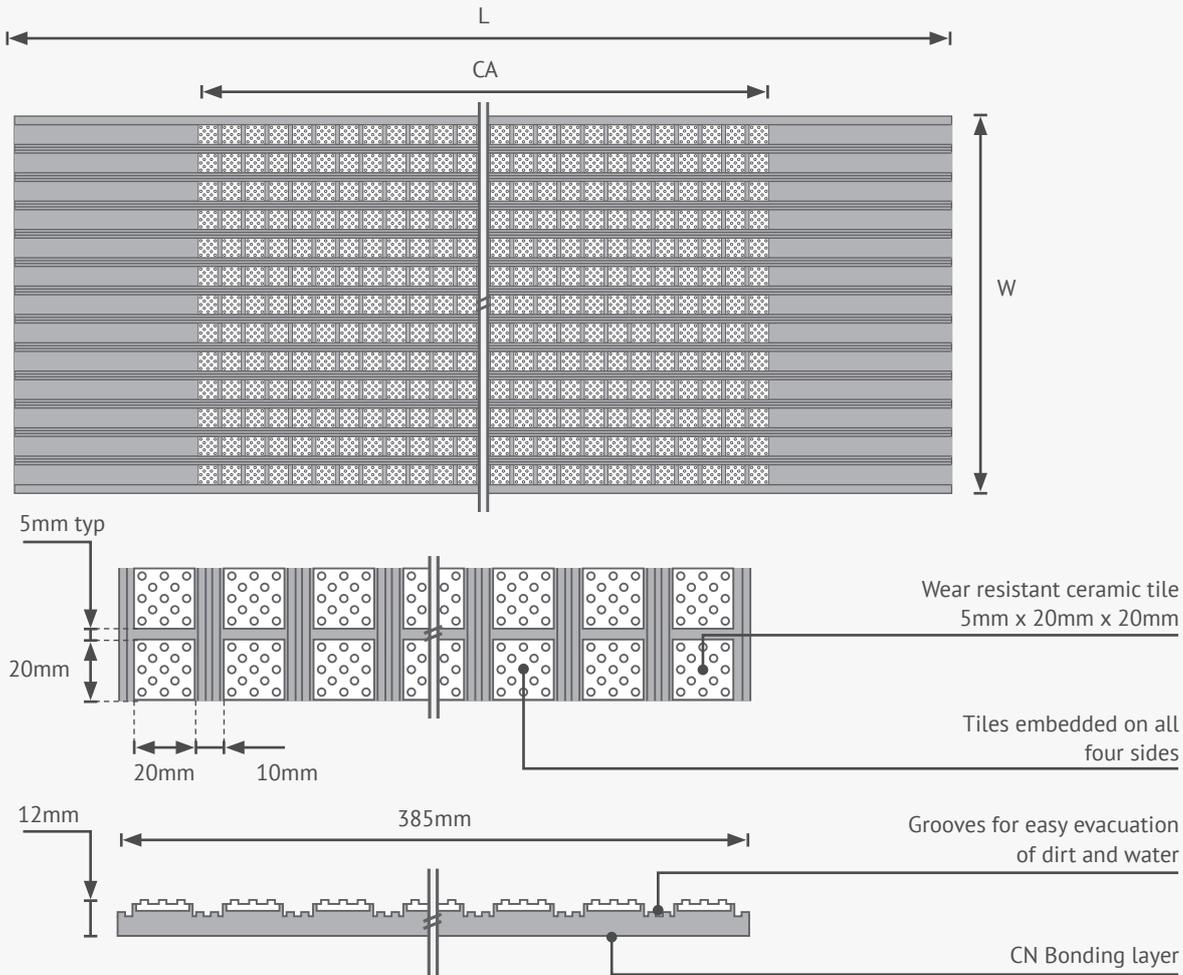


**TRS adhesives recommended**

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## SIZE SPECIFICATION



## STANDARD STRIP SIZES AVAILABLE

Width (W)	Overall Length (L)	Ceramic Area (CA)	Belt Width
385mm	1050mm	650mm	600mm
385mm	1200mm	800mm	750mm
385mm	1350mm	950mm	900mm
385mm	1500mm	1100mm	1050mm
385mm	1650mm	1250mm	1200mm
385mm	2000mm	1600mm	1500mm, 1600mm
385mm	2250mm	1850mm	1800mm

Custom Ceramic Area and Length strips are available upon request. Min order quantities and lead times apply to these products