

REG-LAG 60 SHEET PULLEY LAGGING

60 Duro | Wear Resistant | Natural Rubber | Diamond Profile | CN Bonding Layer

FEATURES

REG-LAG 60 Sheet Pulley Lagging is a black, highly elastic, premium grade, wear resistant 60 Duro blended natural and synthetic rubber sheet, designed for use as a rubber lagging on conveyor pulleys on conveyor systems. It has excellent resistance to wet and dry abrasion and will flex against the conveyor belt, shedding excess material and reducing build-up whilst reducing wear on the conveyor belt itself.

REG-LAG 60 Sheet Pulley Lagging has a diamond profile surface for shedding dirt and water away from the pulley. This 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.

REG-LAG 60 Sheet 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 maximum 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 a good bond strength to be achieved even in adverse conditions often encountered, when application is occurring on site and on operational equipment.

TECHNICAL INFORMATION

Polymer	NR/BR	
Colour	Black with CN bonding layer	
Specific Gravity	1.10	ASTM D297
Hardness	60° ± 5° Shore A	ASTM D2240
Abrasion	90 mm ³ (max) @ 10N	ASTM D5963
Tensile Strength	20 MPa (min)	ASTM D412
Elongation @ Break	450% (min)	ASTM D412
Tear Strength	80 N/mm (min)	ASTM D624
Temperature Range	-20°C to +70°C	

AVAILABLE SIZES

STANDARD THICKNESS (T)

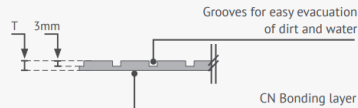
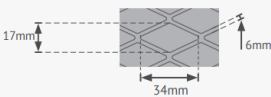
Mini Diamond: 8mm
Standard Diamond: 8mm, 10mm, 12mm
Large Diamond: 12mm, 15mm

STANDARD ROLL SIZE

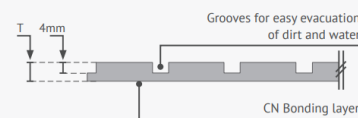
1500mm x 10mtrs (8mm, 10mm, 12mm)
2000mm x 10mtrs (15mm)

Cut lengths and custom shapes are available upon request

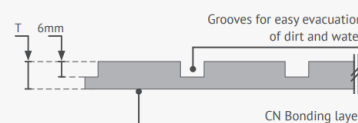
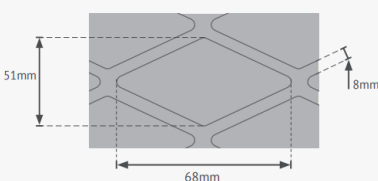
MINI DIAMOND



STANDARD DIAMOND



LARGE DIAMOND



APPLICATIONS

REG-LAG 60 Sheet Pulley Lagging has been designed primarily for use as a lagging of conveyor belt pulleys to increase grip and reduce wear and corrosion of the pulley shell.

REG-LAG 60 Sheet Pulley Lagging can be applied to conveyor drive, tail, bend or take-up pulleys and is designed for use in medium belt tension applications.

It is 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.

REG-LAG 60 Sheet Lagging is supplied as a roll 1500mm and 2000mm wide, ready for easy application to the pulley in a single sheet.



CN bonding layer



TRS adhesives recommended

FEATURES

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

It has excellent resistance to wet and dry abrasion and will flex against the conveyor belt, shedding excess material and reducing build-up whilst reducing wear on the conveyor belt itself.

REG-LAG Strip Pulley Lagging has grooves and a diamond profile surface for shedding dirt and water away from the pulley. This 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.

REG-LAG 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 a good bond strength to be achieved even in adverse conditions often encountered when application is occurring on site and on operational equipment.

TECHNICAL INFORMATION

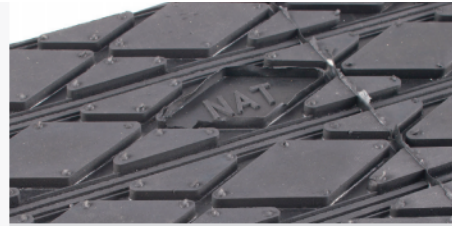
Polymer	NR/BR	
Colour	Black with CN bonding layer	
Specific Gravity	1.10	ASTM D297
Hardness	60° ± 5° Shore A	ASTM D2240
Abrasion	90 mm ³ (max) @ 10N	ASTM D5963
Tensile Strength	20 MPa (min)	ASTM D412
Elongation @ Break	450% (min)	ASTM D412
Tear Strength	80 N/mm (min)	ASTM D624
Temperature Range	-20°C to +70°C	

AVAILABLE SIZES

STANDARD THICKNESS (T) 10mm, 12mm

STANDARD ROLL SIZE 200mm x 20 mtrs
250mm x 85 mtrs

DIAMOND PROFILE See reverse



APPLICATIONS

REG-LAG 60 Strip Pulley Lagging has been designed primarily for use as a lagging of conveyor belt pulleys to increase grip, reduce wear and corrosion of the pulley shell.

REG-LAG Strip Pulley Lagging can be applied to conveyor drive, tail, bend or take-up pulleys and is designed for use in medium belt tension applications.

It is 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.

REG-LAG Strip Lagging is supplied as a strip 200mm and 250mm wide, ready for easy application without removing the pulley if required.

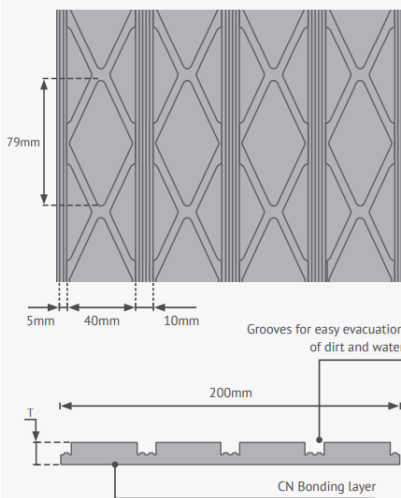


CN bonding layer

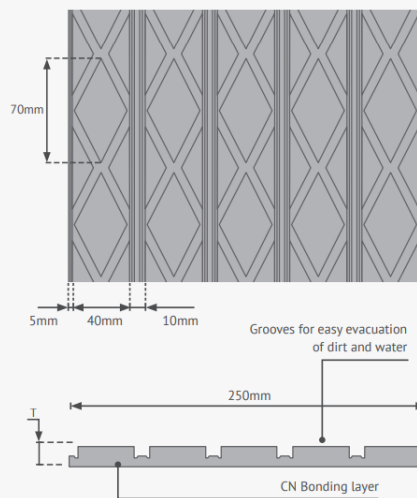


TRS adhesives recommended

SIZE SPECIFICATION (200mm WIDE)



SIZE SPECIFICATION (250mm WIDE)



REG-LAG FG SHEET PULLEY LAGGING

60 Duro | Food Grade | FDA Compliant | Diamond Profile | CN Bonding Layer

FEATURES

REG-LAG FG Sheet Pulley Lagging is a white food grade wear resistant 60 Duro blended Natural and Nitrile rubber sheet designed for use as a rubber lagging on conveyor pulleys on conveyor systems. It has food, plant and animal based oil and fat resistance and is FDA compliant, per 21 CFR 177.2600, making it approved for repeated and long term contact with food.

It has good resistance to wet and dry abrasion and will flex against the conveyor belt, shedding excess material and reducing build-up, whilst reducing wear on the conveyor belt itself.

REG-LAG FG Sheet Pulley Lagging is hygienic, non-toxic, non-marking and non-allergenic. It has a diamond profile surface for shedding water away from the pulley. This 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.

REG-LAG FG Sheet 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 maximum bond strength, the TRS range of cold vulcanising adhesives is recommended.

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

TECHNICAL INFORMATION

Polymer	NR / NBR	
Colour	White with CN bonding layer	
Specific Gravity	1.15	ASTM D297
Hardness	60° ± 5° Shore A	ASTM D2240
Abrasion	250 mm ³ (max) @ 10N	ASTM D5963
Tensile Strength	10 MPa (min)	ASTM D412
Elongation @ Break	500% (min)	ASTM D412
Tear Strength	40 N/mm (min)	ASTM D624
Resilience	30% (min)	ASTM D2632
Volume Swelling	+120% (max)	In Fuel B/ASTM Oil 3
Temperature Range	-20°C to +70°C	

AVAILABLE SIZES

STANDARD THICKNESS (T) 6mm, 8mm

STANDARD ROLL SIZE 1200mm x 10mtrs (6mm)
1500mm x 10mtrs (8mm)

Cut lengths and custom shapes are available upon request



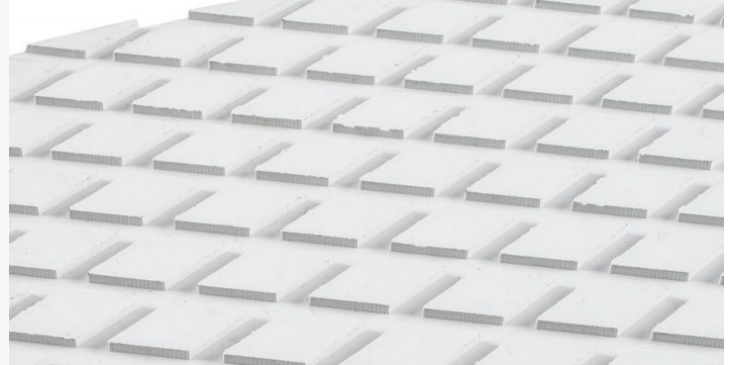
CN bonding layer



TRS adhesives recommended



Sheet conforms to FDA regulations 21 CFR 177.2600



APPLICATIONS

REG-LAG FG Sheet Pulley Lagging has been designed primarily for use as a lagging of conveyor belt pulleys to increase grip and reduce wear and corrosion of the pulley shell.

REG-LAG FG Sheet Pulley Lagging can be applied to conveyor drive, tail or bend pulleys and is designed for use in medium belt tension applications.

It is mainly used for conveyor system applications in the food storage, handling and processing industries but can be used on conveyor pulleys in any application which requires an oil resistant, hygienic, non-toxic, non-marking pulley lagging.

REG-LAG Sheet Lagging is supplied as a roll 1200mm and 1500mm wide, ready for easy application to the pulley in a single sheet.

REG-LAG FRAS STRIP PULLEY LAGGING

65 Duro | Fire Resistant | Anti-Static | Diamond Profile | Buffed Back

FEATURES

Reg-Lag FRAS Strip Pulley Lagging is a black, premium grade, 65 Duro synthetic rubber strip. It is certified fire resistant and anti static. Independently tested and certified by the Mine Safety Technology Centre it meets MDG 3006 / MDG 3608 NON METALLIC MATERIALS FOR USE IN UNDERGROUND COAL MINES certification and is designed for use as a rubber lagging on conveyor pulleys on conveyor systems.

It has good resistance to wet and dry abrasion and will flex against the conveyor belt, shedding excess material and reducing build-up whilst reducing wear on the conveyor belt itself.

Reg-Lag FRAS Strip Pulley Lagging has grooves and a diamond profile surface for shedding dirt and water away from the pulley. This increases the coefficient of friction between the drive pulley and conveyor belt, which increases grip and reduces slippage to improve the drive and tracking of the conveyor belt.

Reg-Lag FRAS Strip Pulley Lagging is supplied with a buffed back finish to assist in achieving ultimate adhesion when bonded to steel pulley surfaces. To achieve this ultimate bond strength, the TRS range of cold vulcanising adhesives is recommended.

TECHNICAL INFORMATION

Polymer	SBR	
Colour	Black	
Specific Gravity	1.28	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	250 mm ³ (max) @ 10N	ASTM D5963
Tensile Strength	14 MPa (min)	ASTM D412
Elongation @ Break	300% (min)	ASTM D412
Tear Strength	60 N/mm (min)	ASTM D624
Temperature Range	-25°C to +90°C	
Ignitability & Flame Propagation	Has a mean persistence time of the flame of ≤30s Has a mean persistence time of the afterglow of ≤120s Has a mean persistence time of the flame for each individual test piece of ≤45s The afterglow persistence time of each test piece is ≤180s	
Oxygen Index	The calculated oxygen index is not less than 28%	
Electrical Resistance	The mean value for Electrical Resistance on both upper and lower surfaces is not greater than 300 MΩ (300x10 ⁶ ohms)	



APPLICATIONS

Reg-Lag FRAS Strip Pulley Lagging has been designed primarily for use as a lagging of conveyor belt pulleys to increase grip and reduce wear and corrosion of the pulley shell.

Reg-Lag FRAS Strip Pulley Lagging can be applied to conveyor drive, tail, bend or take-up pulleys and is designed for use in medium belt tension applications.

It is mainly used for underground conveyor system applications in the mining and construction industries but can be used on conveyor pulleys in any application where ignition points and fire potential are a high risk, such as grain handling and processing.

Reg-Lag FRAS Strip Lagging is supplied as a strip 250mm wide, ready for easy application without removing the pulley if required.



Certification

- MDG 3006 MTR8 3.2 (2007)
- MDG 3608 3.3 (2012)

Certification can be supplied upon request

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. To achieve ultimate adhesion, TRS adhesives are recommended. The CN bonding layer and TRS adhesive system is extremely flexible. It allows for good bond strength to be achieved even in adverse conditions encountered on site.



CN bonding layer

TECHNICAL INFORMATION

Polymer	NR/BR	
Colour	Black with CN bonding layer	
Specific Gravity	1.10	
Hardness	60° ± 5° Shore A	ASTM D2240
Abrasion	90 mm ³ (max) @ 10N	ASTM D5963
Tensile Strength	20 MPa (min)	ASTM D412
Elongation @ Break	450% (min)	ASTM D412
Tear Strength	80 N/mm (min)	ASTM D624
Temperature Range	-20°C to +70°C	
Ceramic Tile	92% Alumina content	

AVAILABLE SIZES

STANDARD THICKNESS 12mm, 15mm

STANDARD ROLL SIZE 385mm x 10mtrs (Full Ceramic Area)

STANDARD STRIP SIZES (12MM)

- 385mm x 1050mm (Ceramic Area 650mm)
- 385mm x 1200mm (Ceramic Area 800mm)
- 385mm x 1350mm (Ceramic Area 950mm)
- 385mm x 1500mm (Ceramic Area 1100mm)
- 385mm x 1650mm (Ceramic Area 1250mm)
- 385mm x 2000mm (Ceramic Area 1600mm)
- 385mm x 2250mm (Ceramic Area 1850mm)

STANDARD STRIP SIZES (15MM)

- 385mm x 1750mm (Ceramic Area 1350mm)
- 385mm x 1950mm (Ceramic Area 1550mm)
- 385mm x 2100mm (Ceramic Area 1700mm)
- 385mm x 2250mm (Ceramic Area 1850mm)



APPLICATIONS

Cera-Grip Ceramic Strip Lagging has been designed primarily for use as a wear and corrosion protection lining for conveyor pulleys.

It is designed specifically for use on conveyor system drive pulleys operating in extreme conditions, including wet, dirty or dusty environments. It is suitable for use on long conveyor systems and in medium and high belt tension applications.

Cera-Grip Ceramic Strip Lagging is bonded to pulleys to protect the surface from abrasion and to improve pulley wear life. It will reduce belt slippage and improve drive and tracking of conveyors.

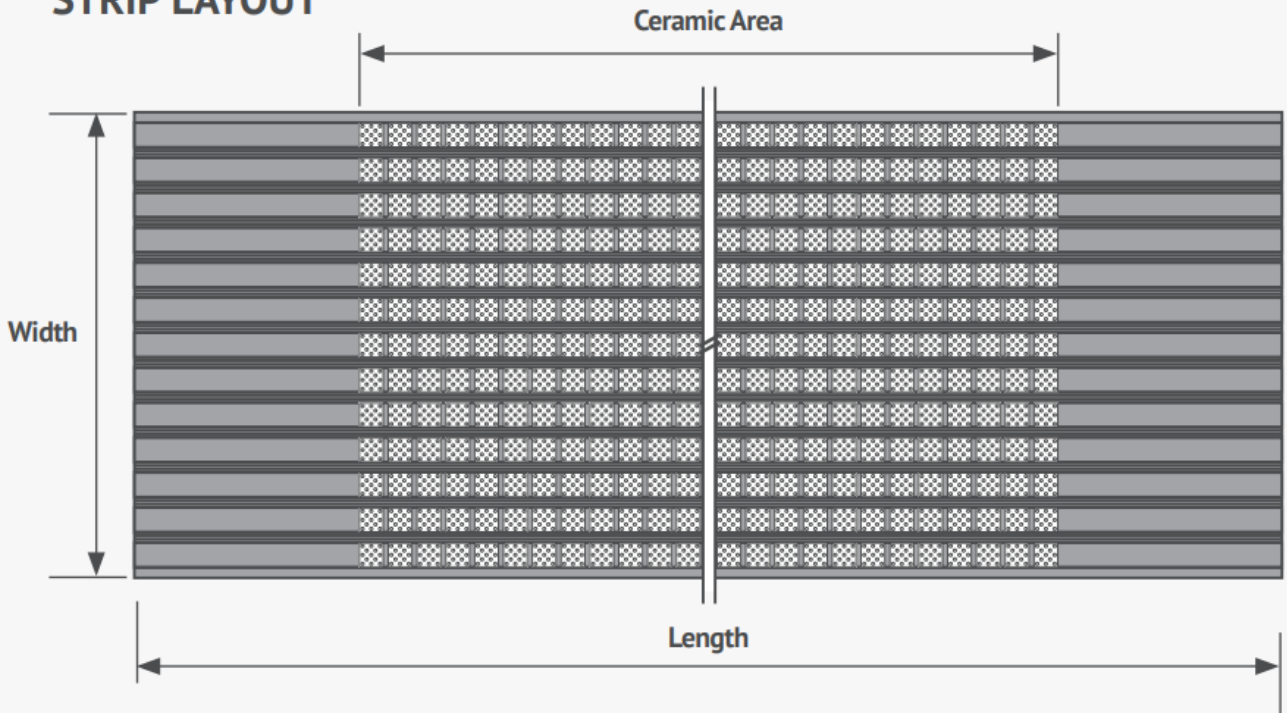
INDUSTRIES

- > Mining and Quarrying
- > Mineral Processing
- > Power Generation
- > Construction

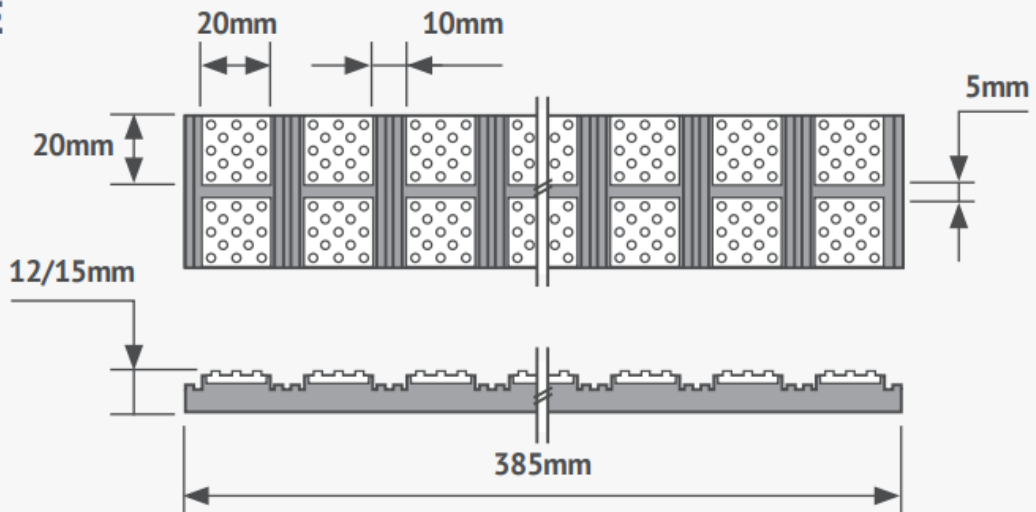
CERA-GRIP CERAMIC STRIP LAGGING

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

STRIP LAYOUT



PROFILE



CERA-GRIP ST CERAMIC STRIP PULLEY LAGGING

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

FEATURES

CERA-GRIP ST Ceramic Strip Pulley Lagging is a black, 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 ST contains wear resistant 92% alumina ceramic tiles vulcanised within the rubber on all 5 sides for the ultimate abrasion resistance, whilst maintaining the flex of the tiles against the conveyor belt, shedding excess material and reducing build-up but also reducing wear on the conveyor belt itself.

CERA-GRIP ST Ceramic tiles have a smooth surface which sits flat against the conveyor cover to improve wear life but still allow for movement. 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 ST Ceramic Strip Pulley Lagging is supplied with a specially formulated Neoprene based CN Bonding Layer to achieve the ultimate adhesion when bonded to steel pulley surfaces. To achieve this maximum bond strength, the TRS range of cold vulcanising adhesives is recommended.

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

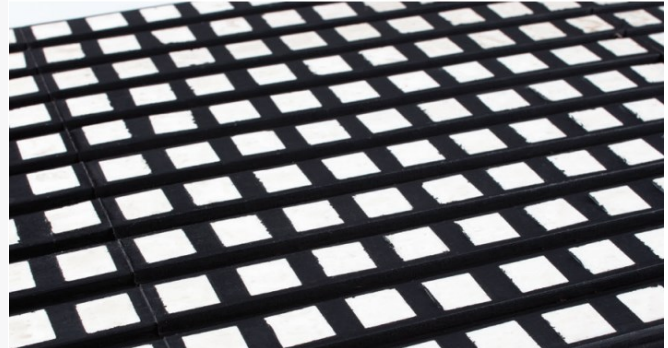
TECHNICAL INFORMATION (CERAMIC)

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
AVAILABLE STRIP SIZES	See Below
CERAMIC PROFILE	See Below

Min order quantities and lead times apply to this product



APPLICATIONS

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

CERA-GRIP ST Ceramic Strip Pulley Lagging, is designed to be applied to conveyor tail, bend and take-up pulleys operating in extreme conditions. It is suitable for use in wet and dirty conditions and high belt tension applications.

It is 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 ST Ceramic Strip Pulley Lagging is supplied as a strip, ready for easy application without removing the pulley if required.



CN bonding layer

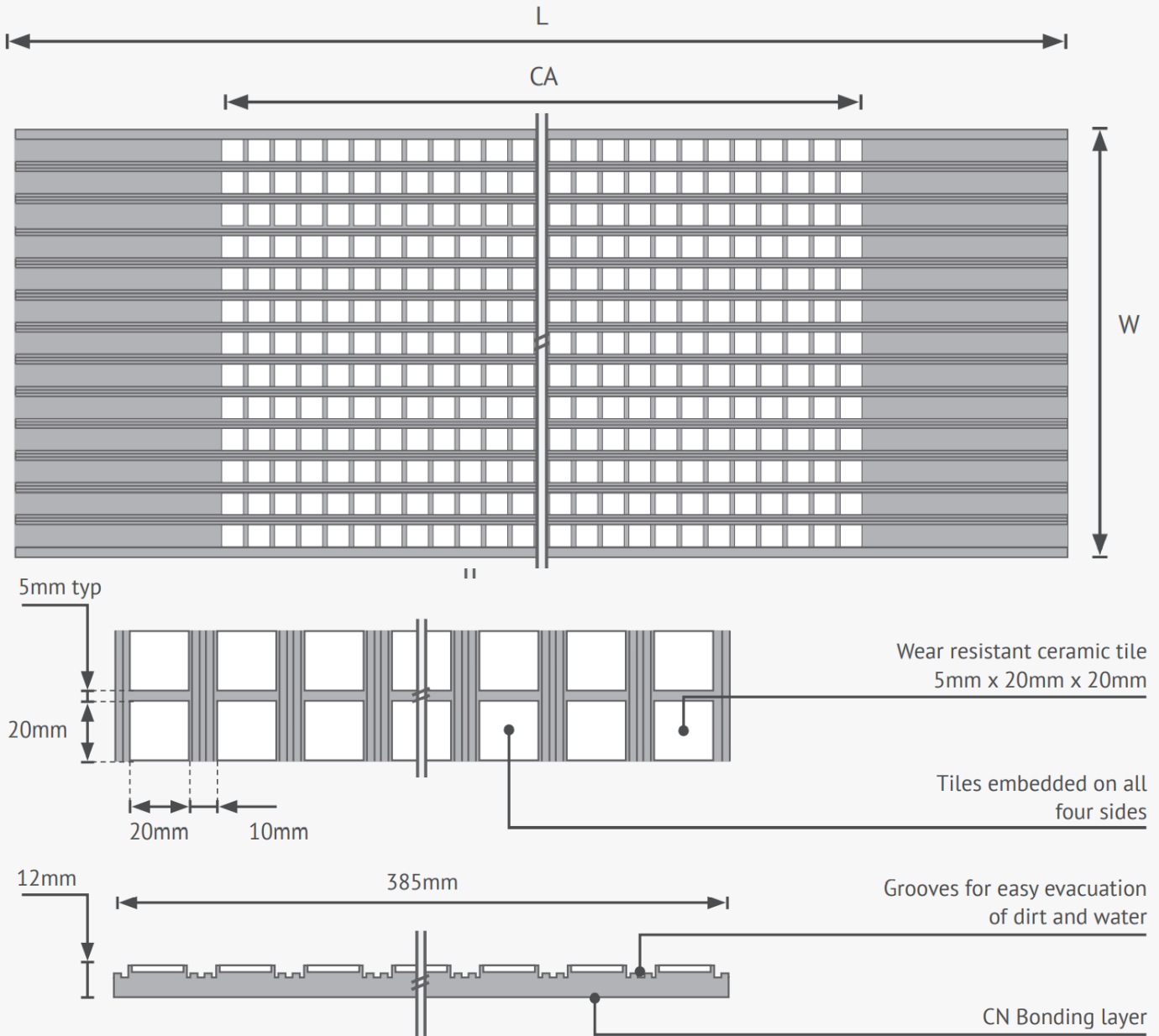


TRS adhesives recommended

CERA-GRIP ST CERAMIC STRIP PULLEY LAGGING

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

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