



CERAMICS solutions

PULLEY LAGGING FOR BELT CONVEYORS STOP THE SLIP AND GET THE GRIP

Advantages :

- TOP DESIGN
- TOP PERFORMANCE
- EASY TO FIT, EVEN ON SITE
- EASY TO STORE

CeraGum: Extremely high friction type, Extremely low wear !



Belt Type	Conditions	Pressure (N/cm ²)	Friction coefficient rubber polymer ceramics CeraGum
RUBBER	DRY	20	1,116
		30	1,068
		50	0,804
		100	0,839
	WET / CLEAN	20	1,068
		30	1,148
		50	0,927
		100	0,969
	WET / MUDDY	20	0,557
		30	0,540
		50	0,507
		100	0,611

- Porous ceramic tiles in red or green moulded in composite elastomere base assure optimum traction under all conditions.
- Supplied in rectangular strips with special contact adhesive layer, lagging is cold bonded to pulley surface assuring exceptional adhesion (minimum of 30% above international standards) and 3 to 6 times better wear resistance compared to conventional rubber lagging
- Porous red polymer ceramic tiles 20x30 mm integrally moulded into black rubber cushioning bed, extremely high friction type, extremely low wear.

P.S. : The friction coefficient charts show some adhesion coefficients well above 1.0 which is theoretically impossible following the friction law of Coulomb. However, in reality, these values occur with rubber-elastic materials because due to the micro-gearing between the different surface roughness of the adhesion partners 'so-called' positive locking effects add up to the opposite directional friction force.

Easy-to-fit directly onto pulley

- Easy-to-fit directly onto pulley in the workshop or in the field, due to strips bonded parallel to pulley axle rather than circumferencial.
- This is a non-polluting, non-flammable, air drying cement used with an ACTIVATOR.

The first one is a solution of black Polychloroprene with fillers and activators in Trichloroethane.

The second one is a dark solution of Isocyanate in Methylene Chloride.

CeraGum can be applied directly to the pulley or supplied on metal shells that can be welded onto the drum on site



CeraMine: High-quality pulley lagging, Al₂O₃ ceramic with knobbed surface

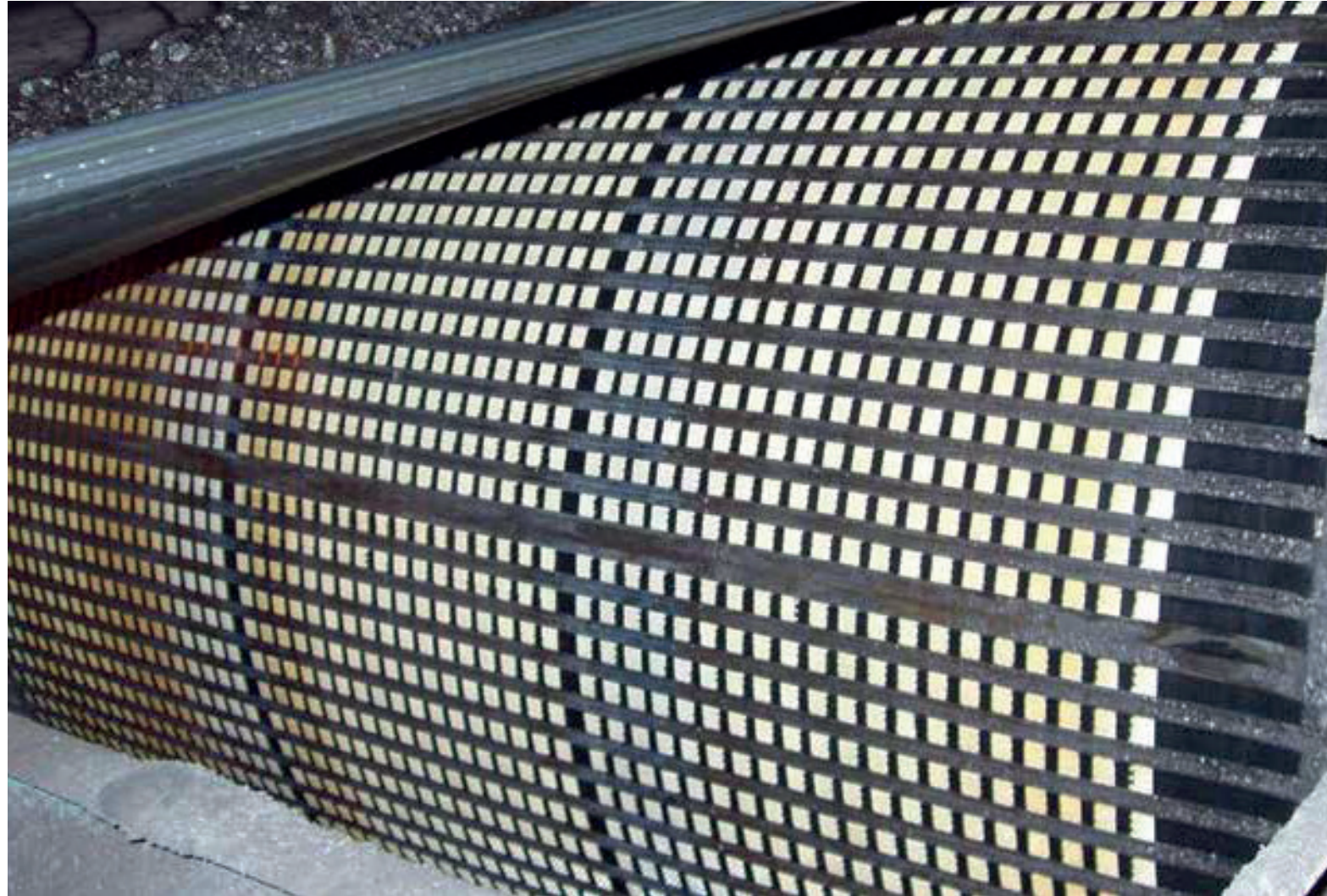
The “knobbly” surface of the ceramic tiles provides optimum grip on pulleys subject to high stress. Ceramic material is suitable for pulley lagging, due to its specific properties of extremely high wear-resistance provided by aluminium oxide (Al₂O₃). It replaces traditional materials, because it provides higher profitability by considerably increasing the service life and the efficiency of pulley laggings

Properties

- Vulcanized alumina oxide (92%) ceramic tiles
- Single-row ceramic, plain
- Highly resistant to wear
- Elastic base protects the belt
- Simple and durable affixing with our bonding systems.
- Option : Heavy Duty & Extra Heavy duty

Application

- Pulley lagging for pulleys operating under extreme conditions
- For wet, clay-containing, muddy and abrasive materials
- Also for very high belt tensions
- For tail pulleys subject to extreme wear
- For non-powered drums



Efficient in conveying & power solutions

ABM TECNA (groupe NetCo) vous propose une palette de services autour du convoyeur industriel, parmi lesquels la fourniture et/ou le placement de pièces détachées, la maintenance préventive, prédictive et curative de vos entraînements et convoyeurs sur site et en atelier, un service engineering proposant des expertises, améliorations et équipements spécifiques.

Près de six cents personnes assurent un service 24/7, dont plus d'une centaine pour les seuls sites belges.



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ABM TECNA (NetCo group) stelt u een reeks diensten rond de industriële transportbanden voor, waaronder de levering en/of plaatsing van reserveonderdelen, het preventief, predictief en curatief onderhoud van uw aandrijvingen en transportbanden ter plaatse en in de werkplaats, een engineeringdienst die expertises, verbeteringen en specifieke apparatuur voorstelt.

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Quality label made in Belgium. Efficient services.



Sempertrans transport belt

Official dealer, linked with european stock.



ABM Bearing unit series

The bearing unit produced with TIMKEN for the specificities of our customers..