

Ceramic Lagging

Tuff-Lag® Ceramic Lagging provides high levels of wear resistance and superior grip for conveyor pulley. Tuff-Lag® Ceramic Lagging will be the best choice when conventional rubber lagging fails to solve problem of belt slippage or rubber lagging is worn prematurely that causes more maintenance and downtime. Tuff-Lag® Ceramic Lagging is also designed with bonding layer to ensure strong and secure adhesion between the ceramic lagging and the pulley.

Key Benefits and Features



Increase Productivity

to enhance traction, prevents belt slippage, ensuring smooth and consistent operation, very suitable for wet and muddy working conditions.



Long Lifespan

Tuff-Lag® Ceramic Lagging has a superior abrasion resistant with alumina ceramic tile Al2O3 >95% Moh 9.



Easy Installation

with each strip 500mm wide, can be easily applied on site.



Bonding Strength

Ensures a strong bond between the rubber lagging and the pulley, preventing delamination.



Reduce Downtime

significantly reduced maintenance cost, It's will be a great investment for your operation.



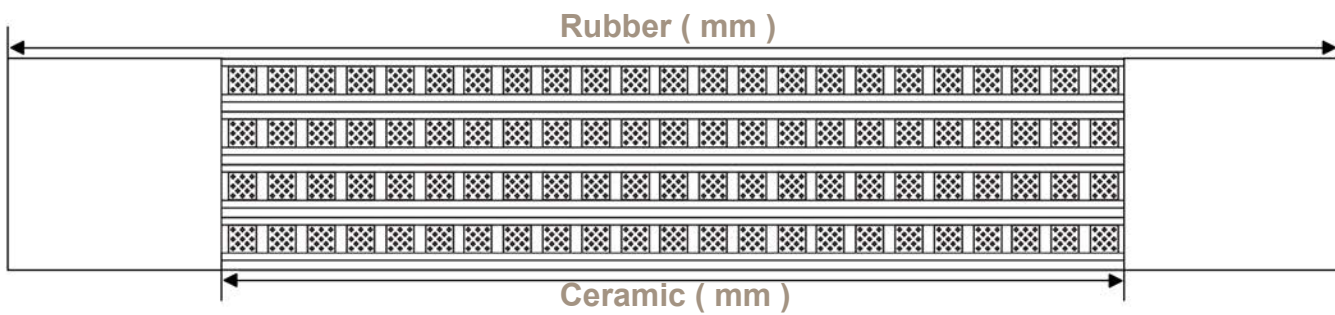
TECHNICAL DATA - TUFF-LAG® CERAMIC LAGGING

RUBBER		ALUMINA CERAMIC TILE	
Colour	NR/SBR	Material	Al2O3>95%
Hardness	65 ± 5 Shore A	Gravity	3.70g/cm3
Abrasion Loss	≤100 mm3	Color	White
Tensile Strength	≥21 N/mm3	Hardness	9 Moh
Elongation At Break	≥450 %		
Density	1.1 ± 0.1 g/cm3		
BONDING STRENGTH			
CN Bonding Strength 2 Hours		≥4.8 N/mm	
CN Bonding Strength 24 Hours		≥9 N/mm	

TUFF-LAG® CERAMIC LAGGING

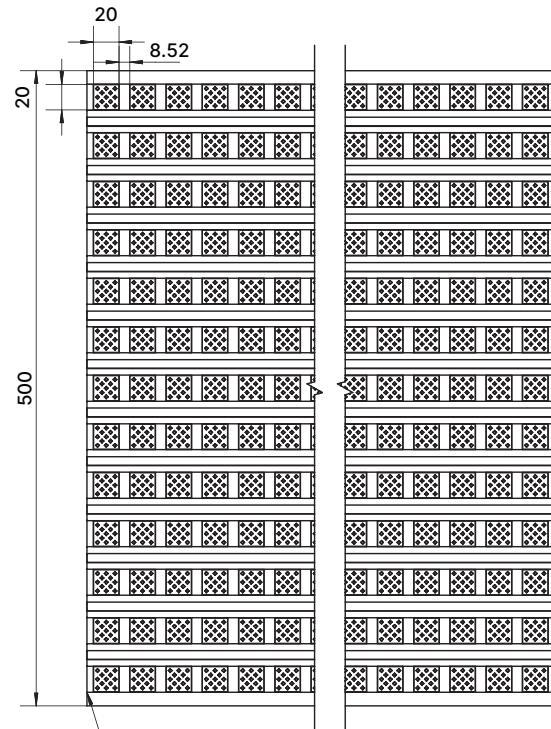
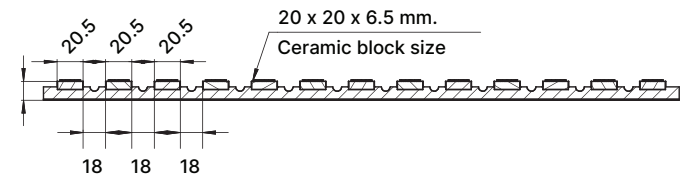
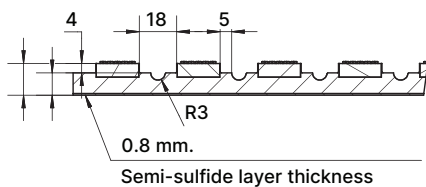
Description	Width (mm)	Ceramic (mm)	Rubber (mm)
TUFF-LAG Ceramic Lagging TL - ** x 800 - CL	500	840	1140
TUFF-LAG Ceramic Lagging TL - ** x 1000 - CL	500	1080	1380
TUFF-LAG Ceramic Lagging TL - ** x 1200 - CL	500	1200	1500
TUFF-LAG Ceramic Lagging TL - ** x 1400 - CL	500	1480	1780
TUFF-LAG Ceramic Lagging TL - ** x 1600 - CL	500	1640	1940
TUFF-LAG Ceramic Lagging TL - ** x 1800 - CL	500	1880	2180
TUFF-LAG Ceramic Lagging TL - ** x 2200 - CL	500	2000	2300
TUFF-LAG Ceramic Lagging TL - ** x 2200 - CL	500	2200	2500

** Thickness available : 12/15/20/25 (mm)



STRIP SELECTION CHART

Pulley Diameter (mm)	Strips Required
478 - 636	4
637 - 796	5
797 - 956	6
957 - 1115	7
1116 - 1273	8



The rubber areas on both sides of the ceramic lagging are different in length depending on the belt.