

ORIENTAL

CONVEY | ALL | THE | WAY



LEAD

BY

LAGGING

MAXX GRIP[®]
Pulley Lagging

Product Feature:

MAXX GRIP® is designed to increase transmission power from the drive pulley to the belt. Slippage between a conveyor belt and a bare drive pulley causes low transmission of power due to the following reasons:

- Low coefficient of friction
- Acute wrap angle
- Low pre-tension of the belt

MAXX GRIP® offers the most cost efficient way to avoid these problems. The below mentioned table indicates how **MAXX GRIP®** improves the Friction Coefficient:

Operating Conditions	Drum without lagging	Drum with lagging
Dry	$\mu=0.35$	$\mu=0.48$
Clean but wet	$\mu=0.10$	$\mu=0.35$
Extreme wet & Muddy	$\mu=0.05$	$\mu=0.25$



Advantages of MAXX GRIP®:

Increases **Friction Coefficient** | Helps **self-cleaning** of belts | Maintains **belt tension** | Improves **belt tracking** | Enhances **belt life** by reducing wear | Reduces **Noise levels**

MAXX GRIP® pulley laggings are available in **Grooved, Diamond, Square, Round, Rough top and other tailor made profiles**. These can be supplied with or without special bonding layer. **MAXX GRIP®** with bonding layer, facilitates **Cold bonding** with pulleys.

Advantages of Bonding Layer: Stronger bonding | Reduced down time

Types of Rubber MAXX GRIP® and specifications:

Properties	Square (PS)	Round (PR)	Diamond (PD)	Grooved (PG)
Profile Size (L X B X D) mm	30 X 30 X 4	10mm Dia, 5mm Depth	(Large) 80X50X6; (Small) 36X20X3	Width 16.0 mm, Depth 5.0 mm Pitch 39.5 mm
Standard Colours	Black	Black	Black, Red, Blue, White	White
Min. Thickness, mm	8.0 mm	10.0 mm	8.0 mm	10.0 mm
Max. Width, mm	Upto 1400 mm	Upto 1500 mm	Upto 2000 mm	Upto 1500 mm
Standard Hardness range, Shore A	50 - 70, +/- 5	50 - 70, +/- 5	50 - 70, +/- 5	50 - 70, +/- 5
Tensile Properties of Rubber, MPa	8 -24	8 -24	8 -24	8 -24
Standard Roll Lengths* (Mtr)	10 m	10 m	10 m	10 m
Image				

*Roll length: Can be supplied according to client's requirement

MAXX GRIP® also comes with special rubber qualities for specific applications like Fire resistant lagging, Oil / Grease resistant lagging, Acid / Alkali resistant lagging, Food grade etc.

