

**ORIENTAL**

CONVEY | ALL | THE | WAY



**LEAD**

**BY**

**LAGGING**

**MAXX GRIP**<sup>®</sup>  
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)
<b>Profile Size (L X B X D) mm</b>	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
<b>Standard Colours</b>	Black	Black	Black, Red, Blue, White	White
<b>Min. Thickness, mm</b>	8.0 mm	10.0 mm	8.0 mm	10.0 mm
<b>Max. Width, mm</b>	Upto 1400 mm	Upto 1500 mm	Upto 2000 mm	Upto 1500 mm
<b>Standard Hardness range, Shore A</b>	50 - 70, +/- 5	50 - 70, +/- 5	50 - 70, +/- 5	50 - 70, +/- 5
<b>Tensile Properties of Rubber, MPa</b>	8 -24	8 -24	8 -24	8 -24
<b>Standard Roll Lengths* (Mtr)</b>	10 m	10 m	10 m	10 m
<b>Image</b>				

\*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.

