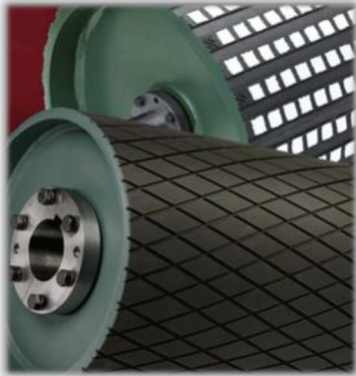


PULLEY LAGGING



Pulley Lagging: protecting the pulley shell from wear damage, and extending the pulley's service life. The lagging also increases the friction between the conveyor belt and the pulley to reduce belt slippage, and minimizes the buildup of bulk material, water, ice, or snow.

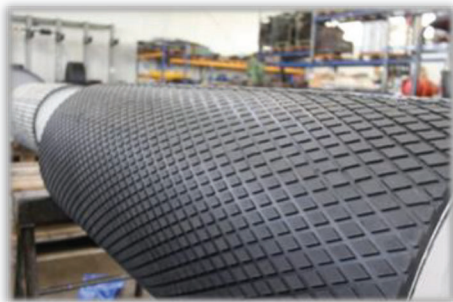
Available Lagging: Plain, Diamond, Square, Ceramic, Slide lagging, etc.

1. Diamond Pulley Lagging (Do-lag)

Diamond pulley lagging, economical type and less wastage, enhances the friction coefficient between the pulley and belt to reduce belt slippage.

1.1 Without CN bonding layer (Do-Lag)

1.1.1 Mini Diamond (M Do-Lag)



Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Thickness (mm)	Width (mm)
7	350	1.3	65+/-5	8~30	up to 1400mm
5	300	1.45			

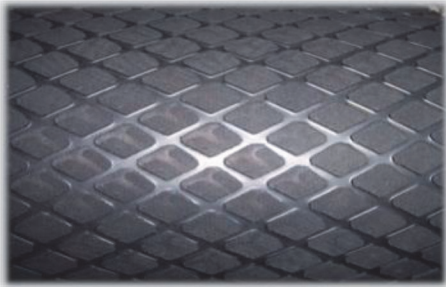
1.1.2 Large Diamond (L Do-Lag)



Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Thickness (mm)	Width (mm)
8	350	1.35	65+/-5	10~30	up to 2000mm

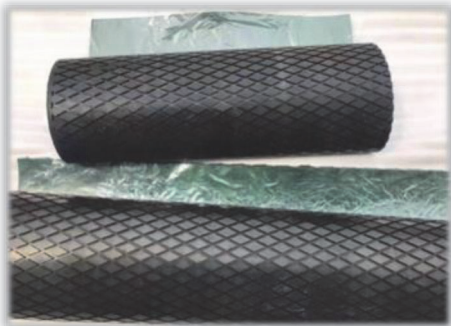
1.2 With CN bonding layer (Do-Lag Plus)

1.2.1 Mini Diamond (M Do-Lag Plus-1)



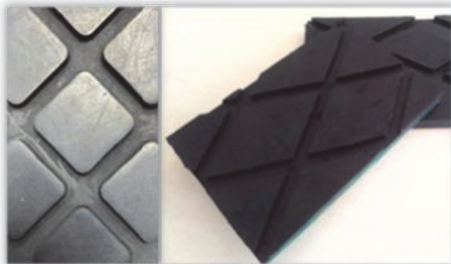
Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Thickness (mm)	Width (mm)
12	400	1.2	65+/-5	8~30	up to 1400mm

1.2.2 Mini Diamond (M Do-Lag Plus-2)



Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Thickness (mm)	Width (mm)
20	450	1.15	65+/-5	8~30	up to 2000mm

1.2.3 Square/Maxi Diamond (S/M Do-Lag Plus)



Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Thickness (mm)	Width (mm)
15	450	1.15	60+/-5	8~15	2000mm

Specification (mm)	Pattern	Dimension (mm)
8x2000x10000	square	20x20
10x2000x10000	square	20x20
12x2000x10000	maxi diamond	85x50
15x2000x10000	maxi diamond	85x50

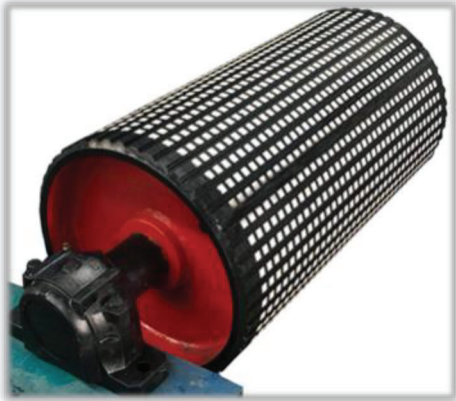
1.2.4 Crowned Diamond (C Do-Lag Plus)



Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Thickness (mm)	Width (mm)
12	400	1.35	65+/-5	2010/12/15	250/500

2. Ceramic Pulley Lagging (Ce-Lag plus)

Ceramic pulley lagging is specially suited for pulleys where slippage and excessive wear and tear problems make normal rubber lagging ineffective. The alumina ceramic tiles help in proper grip of the belt under wet, muddy or any other such arduous conditions.



Tensile Strength (MPa)	Elongation at break (%)	Density (g/cc)	Hardness (Shore A)	Abrasion loss (mm ³)	Content of aluminum oxide (%)
17	400	1.2	65+/-5	120	92%

Width (mm)	Thickness (mm)	Length (m)
215	12	10m
250/300/400/500	12/15/20	As per request

3. Slide Rubber Lagging

Slide rubber lagging is suitable for coal, mining, port, and other application environment or the conveyor system, where has a problem of belt slippage.

The high wear resistant rubber improves the abrasion resistance and oxidation resistance of rubber greatly, prolonging service life in outdoor. The diamond pattern and groove greatly increase friction between belt and pulley, preventing the belt from slipping. This is easy for installation and replacement as well.



Product Parameters		
Item	Unit	Value
Material	-	NR/SBR
Density	g/cc	1.2
Hardness	Shore A	60+/-5
Tensile Strength	MPa	17
Elongation at break	%	420
Abrasion loss	mm ³	120
Working temperature	°C	-30~110