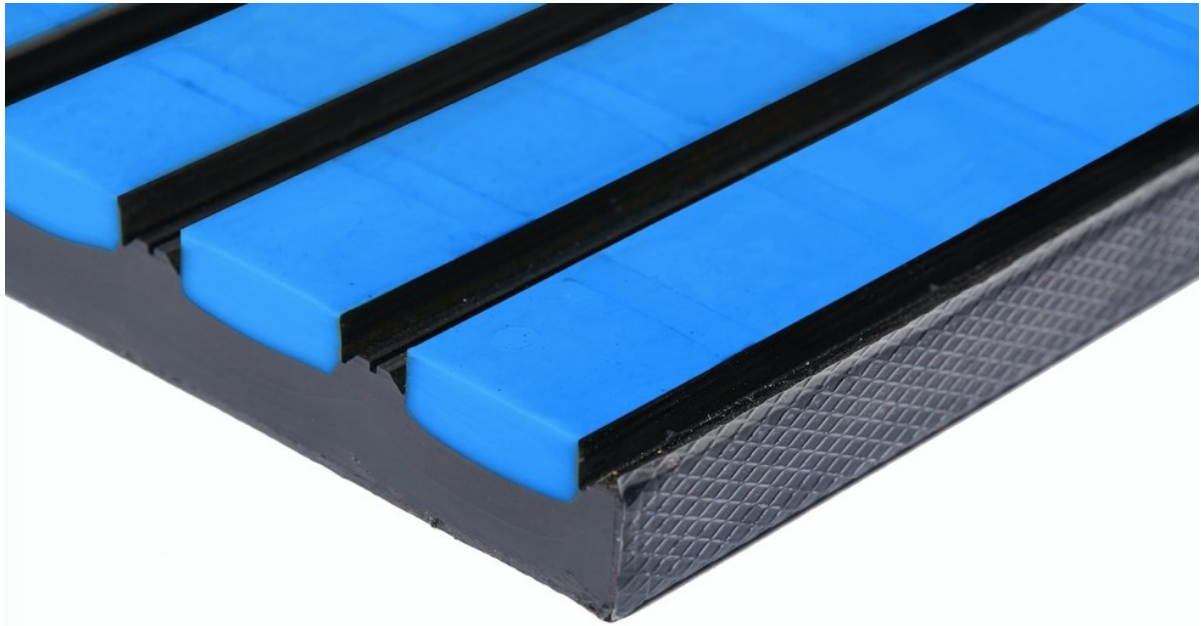
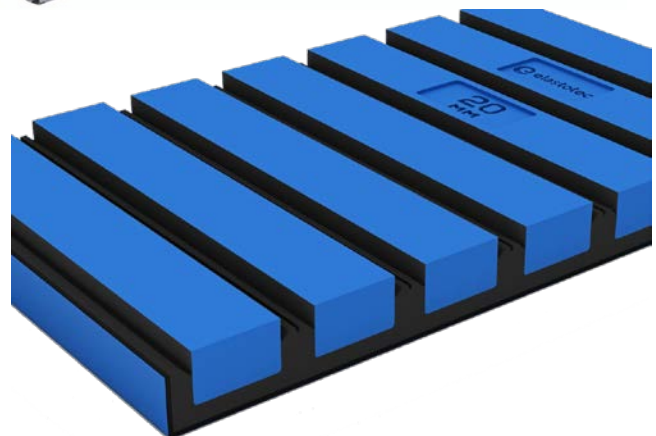


Polyurethane Lagging



Elastotec Polyurethane Lagging is used to increase the service life of non-drive pulleys. Polyurethane's extreme abrasion resistance combined with its low coefficient of friction provide a solution to applications with premature wear when there is a requirement for no risk of damage to the belt cover. Polyurethane is good for applications with carry back problems as it is slippery, resisting material build up. Polyurethane Lagging is specially engineered moulding thermoplastic polyurethane inserts onto a rubber backing layer.



Polyurethane lagging shall be specified on non-drive pulleys when:

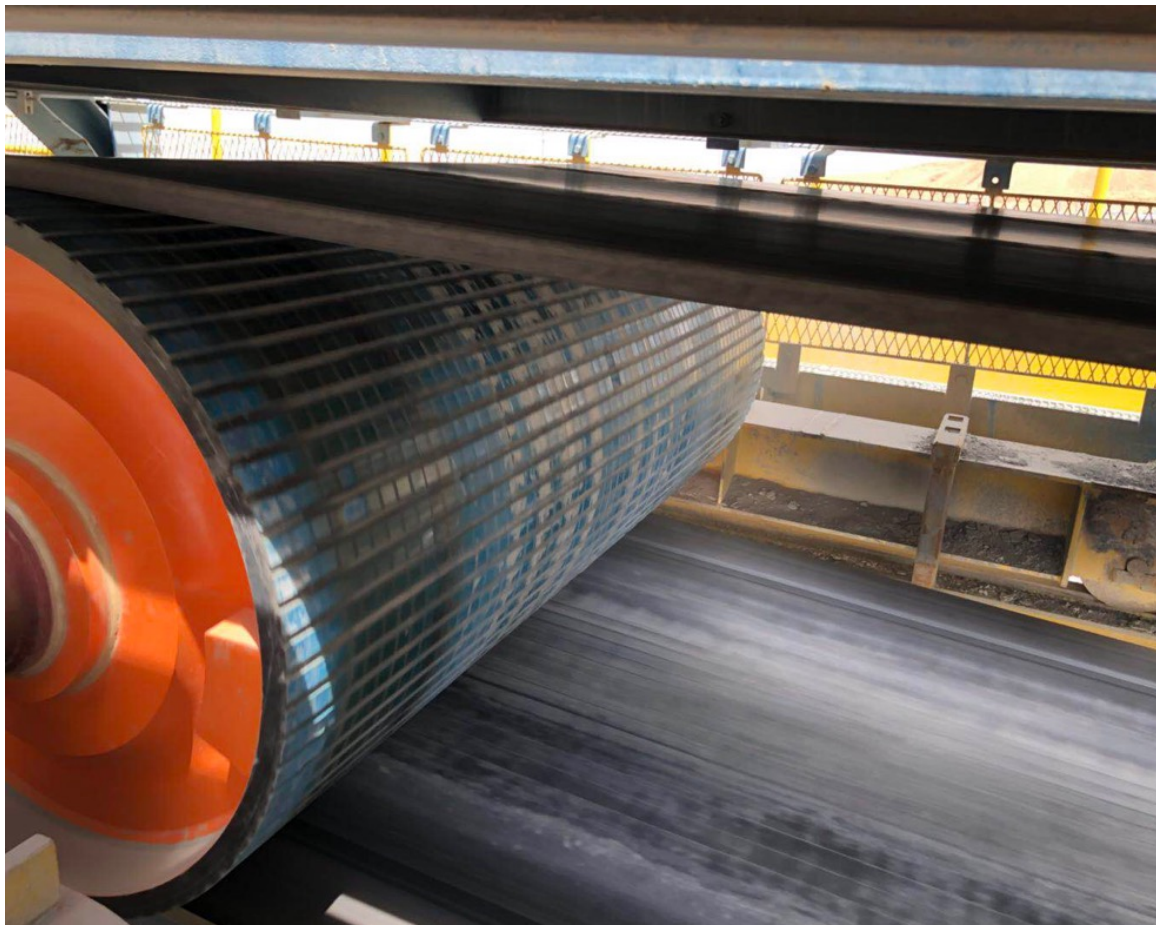
- There's a requirement for higher abrasion resistance than what achieved with rubber laggings.
- In applications where there's slippage between the conveyor belt and the lagging surface, such as on bend pulleys and non-drive pulleys on turnover conveyors. Its low coefficient of friction make Polyurethane Lagging kind to the belt bottom cover.
- When there's buildup of material between the belt and the lagging.



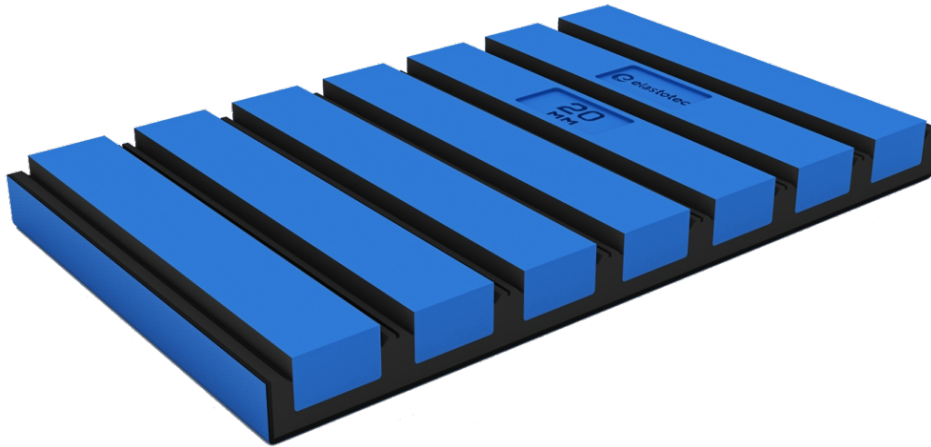
Polyurethane Lagging

Key Features & Benefits:

- ✓ Highly abrasion resistant polyurethane inserts prevent wear on pulley shell and offers positive dirt release and shedding.
- ✓ Precision moulded strip with optimum polyurethane properties.
- ✓ Supplied in strip form 250mm wide for easy handling.
- ✓ Strips packed in plastic film to preserve buffed bonding layer ready for application.
- ✓ Coloured TPU inserts.
- ✓ Low coefficient of friction difficult to stick to, resists build up and is kind to belt cover.



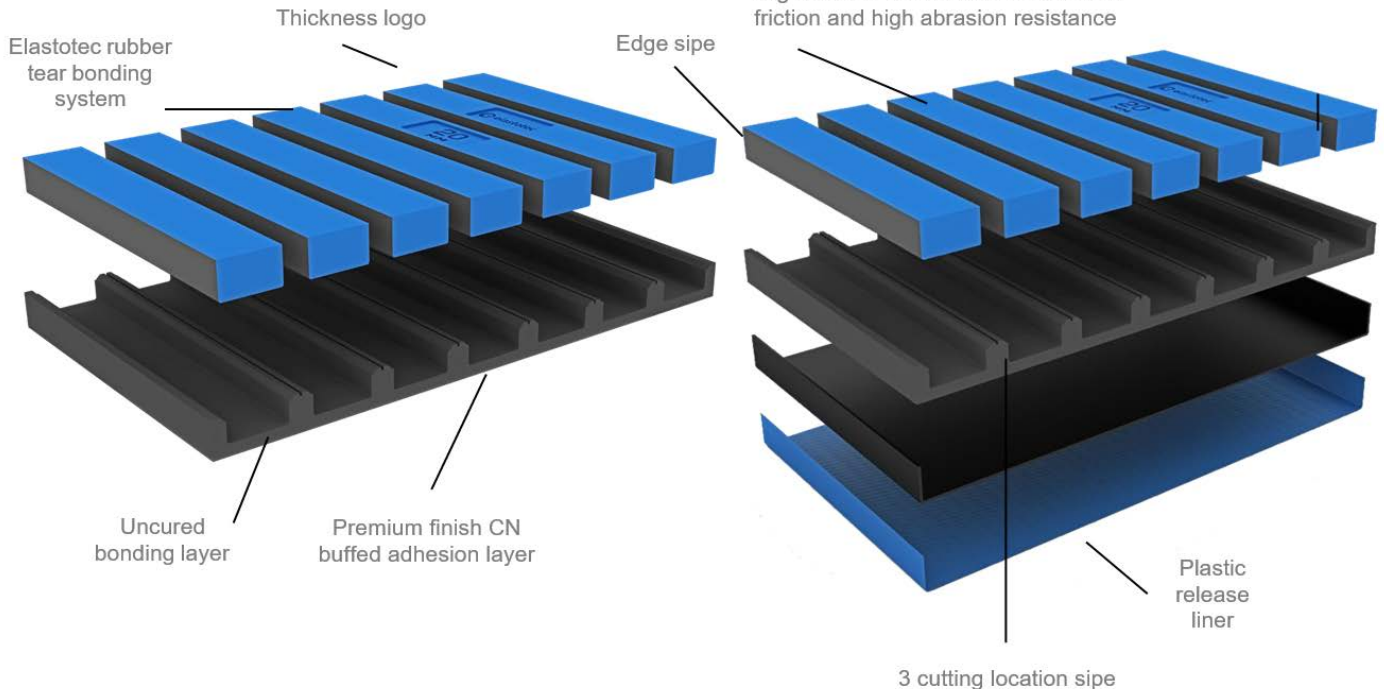
Polyurethane Lagging



Elastotec Polyurethane Lagging is 250mm wide to ensure easy handling and application. It is supplied in long roll lengths that fit on standard sized pallets to eliminate waste and for cost effective transportation and storage. It can be supplied in thicknesses from 10mm to 20mm.

COLD BONDED

HOT VULCANISED

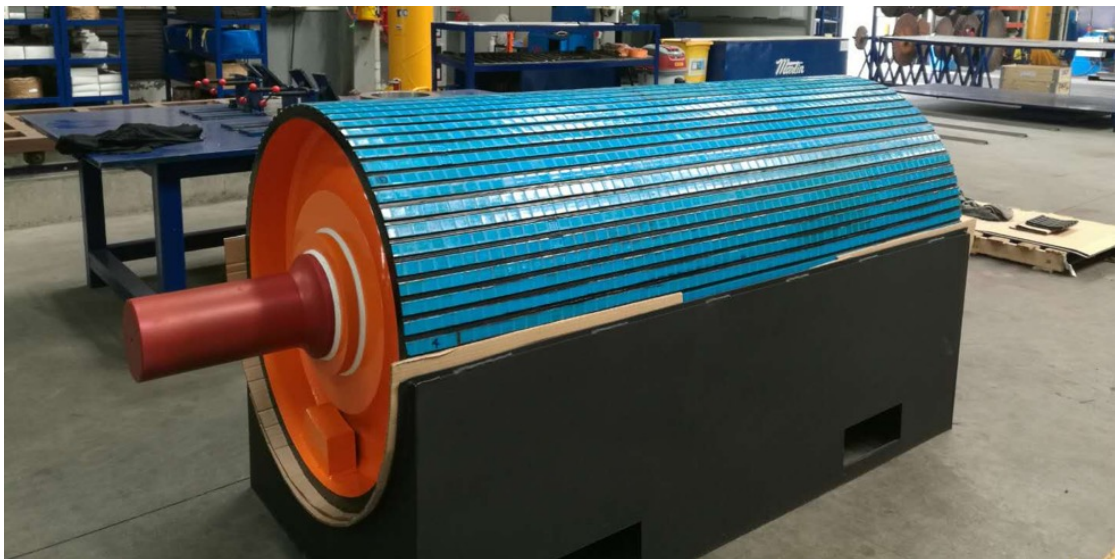


Polyurethane Lagging

POLYURETHANE SPECIFICATIONS

Typical values

Hardness (shore A)	85+/-5	ASTM D2240
Tensile strength	40 Mpa	DIN53504
Elongation at break	500%	ASTM D412
Abrasion loss (volume loss)	25mm ³	DIN 53516 – non rotating - method A



Polyurethane Lagging

LAGGING SPECIFICATIONS – POLYURETHANE LAGGING

COLD BONDED

Dimensions

PRODUCT	CODE	WIDTH	THICKNESS	LENGTH	WEIGHT/1m
Polyurethane Lagging 12mm	ELA-PU-PLN-N-12	249mm-251mm	11mm-12mm	58.2m	3.70kg
Polyurethane Lagging 20mm	ELA-PU-PLN-N-20	249mm-251mm	19mm-20mm	35.0m	6.39kg

Product code for different lengths: Add 5-digit number indicating length in mm.

Example: 12mm 58.2m roll product code: ELA-PU-PLN-N-12-58200

20mm 1.2m strip product code: ELA-PU-PLN-N-20-01200

For strips always allow 100mm extra length over the pulley face width to have 50mm at each end of overhang.

HOT VULCANISED

Dimensions

PRODUCT	CODE	WIDTH	THICKNESS	LENGTH	WEIGHT/1m
Polyurethane Lagging 12mm	ELA-PU-PLN-N-12V	249mm-251mm	12.2mm-13.2mm	9.7m	4.21kg
Polyurethane Lagging 20mm	ELA-PU-PLN-N-20V	249mm-251mm	20.2mm-21.2mm	9.7m	6.90kg

Product code for different lengths: Add 5 digit number indicating length in mm.

Example: 12mm 9.7m roll product code: ELA-PU-PLN-N-12V-09700

20mm 1.2m strip product code: ELA-PU-PLN-N-20V-01200

For strips always allow 100mm extra length over the pulley face width to have 50mm at each end of overhang.

Thickness variation (all strips/pulley) +/-0.5mm

Polyurethane lagging with thickness >15mm only recommended for pulleys with diameters over 400mm.

