

POLYURETHANE LAGGING

LAGGING SPECIFICATIONS - COLD VULCANISED POLYURETHANE LAGGING

COLD VULCANISED POLYURETHANE LAGGING

Polyurethane lagging manufactured using abrasion resistant TPU inserts and a buffed CN bonding layer to provide high levels of adhesion.

POLYURETHANE PROPERTIES RUBBER

Base polymer	Blend	
Hardness range	65+/-5	ASTM D2240
Tensile strength	>18 Mpa	ASTM D412
Elongation at break	> 550%	ASTM D412
Abrasion loss (volume loss)	<70mm ³	DIN 53516 – non rotating – method A

ADHESION REQUIREMENTS

Adhesion to steel @ +25 C	>12N/mm	ASTM D429 method	B 90 deg peel test
Adhesion to steel @ -40 C	>15N/mm	ASTM D429 method	B 90 deg peel test
Adhesion to steel @ +50 C	> 9N/mm	ASTM D429 method	B 90 deg peel test

POLYURETHANE PROPERTIES

Hardness (shore A)	85+/-5	ASTM D2240
Tensile strength	>14 Mpa	ASTM D412
Elongation at break	> 500%	ASTM D412
Abrasion loss (volume loss)	<35mm	DIN 53516 – non rotating - method A

DIMENSIONS

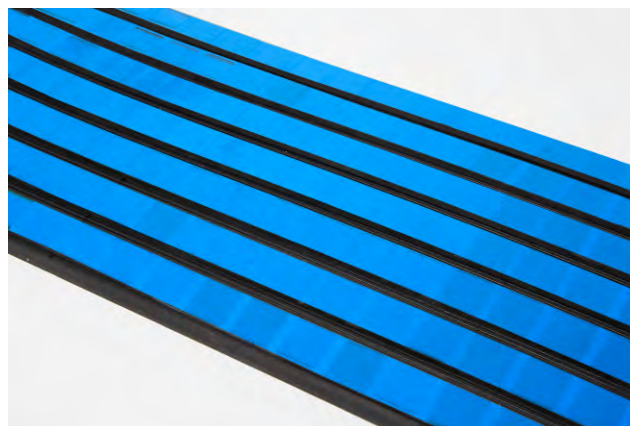
PRODUCT DESCRIPTION	PRODUCT CODE	WIDTH	THICKNESS	STANDARD ROLL LENGTH	WEIGHT/lm
Polyurethane lagging 12mm	ELA-PU-PLN-N-12	249mm-251mm	11mm-12mm	58.2m	3.70kg
Polyurethane lagging 20mm	ELA-PU-PLN-N-20	249mm-251mm	19mm-20mm	35.0m	6.39kg

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

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

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

For strips always allow 100 mm extra length over the pulley face width to have 50 mm 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.

FOR MORE INFORMATION

-  www.elastotec.com.au
-  sales@elastotec.com.au
-  +61 2 8987 1922
-  Follow Us / Elastotec

 1/61 Somersby falls rd
Somersby NSW 2050
Australia