RUBBER LAGGING

COLD VULCANISED RUBBER LAGGING - FRAS

Rubber lagging manufactured using an abrasion resistant FRAS rubber and a buffed CN bonding layer to provide high levels of adhesion. This lagging is for use in applications where there is a risk of fire and/or explosion such as underground coal mines, and grain and sugar handling facilities and is a **safety critical item.**

RUBBER PROPERTIES

Base polymer	Blend	
Hardness range	65+/-5	ASTM D2240
Tensile strength	>16MPa	ASTM D412
Elongation at break	> 500%	ASTM D412
Abrasion loss (volume loss)	<150mm^3	DIN 53516 – non rotating – method A
FRAS	pass	MDG 3608

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

DIMENSIONS

PRODUCT DESCRIPTION	PRODUCT CODE	WIDTH	THICKNESS	Standard.	WEIGHT/lm
Rubber lagging 10mm	ELA-RL-DIA-F-10	249mm-251mm	10mm-11mm	80m	2.98kg
Rubber lagging 12mm	ELA-RL-DIA-F-12	249mm-251mm	12mm-13mm	65m	4.13kg
Rubber lagging 15mm	ELA-RL-DIA-F-15	249mm-251mm	15mm-16mm	50m	4.50kg
Rubber lagging 20mm	ELA-RL-DIA-F-20	249mm-251mm	19mm-20mm	40m	5.90kg
Rubber lagging 25mm	ELA-RL-DIA-F-25	249mm-251mm	24mm-25mm	30m	7.30kg

Product code for different lengths: Add 5 digit number indicating length in mm.
Example: 12 mm 65m roll product code: ELA-RL-DIA-F-12-65000
15 mm 1.2m strip product code: ELA-RL-DIA-F-15-01200
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

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

Version1-092019

FOR MORE INFORMATION

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