

RUBBER LAGGING

HOT VULCANISED RUBBER LAGGING - FRAS

Rubber lagging manufactured using an abrasion resistant FRAS rubber and an uncured bonding layer to provide high levels of adhesion. This rubber 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	>20N/mm & 100% Rubber tear	ASTM D429 method B	90 deg peel test
Adhesion to steel @ -40 C	>30N/mm & 100% Rubber tear	ASTM D429 method B	90 deg peel test
Adhesion to steel @ +50 C	>10N/mm & 100% Rubber tear	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-10V	251mm-254mm	11mm-12.2mm	9.7m	3.22kg
Rubber lagging 12mm	ELA-RL-DIA-F-12V	251mm-254mm	13mm-14.2mm	9.7m	4.37kg
Rubber lagging 15mm	ELA-RL-DIA-F-15V	251mm-254mm	16mm-17.2mm	9.7m	4.72kg
Rubber lagging 20mm	ELA-RL-DIA-F-20V	251mm-254mm	20mm-21.2mm	9.7m	6.14kg
Rubber lagging 25mm	ELA-RL-DIA-F-25V	251mm-254mm	26mm-27.2mm	9.7m	7.52kg

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

Example: 12 mm 65m roll product code: ELA-RL-DIA-F-12V-65000

15 mm 1.2m strip product code: ELA-RL-DIA-F-15V-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.

FOR MORE INFORMATION