

**SLIDE LAGGING**

**LAGGING SPECIFICATIONS - CERAMIC SLIDE LAGGING**

**CERAMIC PROPERTIES**

Aluminium oxide tile	>95% Alumina
Specific gravity	>3.4
Vickers hardness	>1100
Flex crack resistance (MPa*m <sup>1/2</sup> )	>4.0
Micro particle size range (um)	1-8

**CERAMIC SLIDE LAGGING - NATURAL**

Ceramic slide lagging manufactured using a moulding a natural rubber and ceramic lagging onto a steel backing plate designed to slide onto retainers welded to the pulley shell

**RUBBER PROPERTIES**

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 <sup>3</sup>	DIN 53516 – non rotating – method A

**DIMENSIONS**

PRODUCT DESCRIPTION	PRODUCT CODE	WIDTH	THICKNESS	PAD LENGTH	WEIGHT/pad
Slide lagging ceramic dimple	ELA-SLIDE- SRC-N-18K-SQ	135 mm	18mm	1687mm	7.49kg
Slide lagging ceramic plain	ELA-SLIDE- SRC-N-18P-SQ	135 mm	18mm	1687mm	7.82kg

**CERAMIC SLIDE LAGGING - FRAS OIL RESISTANT**

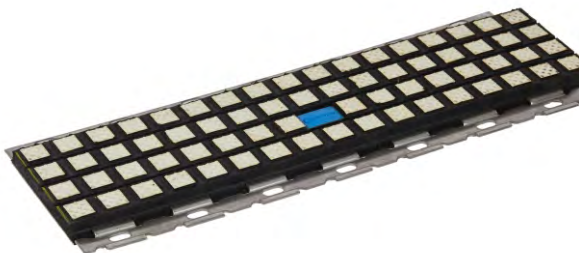
Ceramic slide lagging manufactured using a moulding a natural rubber and ceramic lagging onto a steel backing plate designed to slide onto retainers welded to the pulley shell. FRAS OIL RESISTANT is for use in applications where there is a risk of fire and/or explosion such as underground coal mines, and grain and sugar handling facilities and is a **safety critical item** and designed perform in contact with oil.

**RUBBER PROPERTIES**

Base polymer	Natural and synthetic rubber	
Hardness range	65+/-5	ASTM D2240
Tensile strength	>16 Mpa	ASTM D412
Elongation at break	> 500%	ASTM D412
Abrasion loss (volume loss)	<150mm <sup>3</sup>	DIN 53516 – non rotating – method A

**DIMENSIONS**

PRODUCT DESCRIPTION	PRODUCT CODE	WIDTH	THICKNESS	PAD LENGTH	WEIGHT/pad
Slide lagging ceramic dimple	ELA-SLIDE- SRC-F-18K-SQ	135 mm	18mm	1687mm	8.16kg
Slide lagging ceramic plain	ELA-SLIDE- SRC-F-18P-SQ	135 mm	18mm	1687mm	8.52kg



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

**FOR MORE INFORMATION**