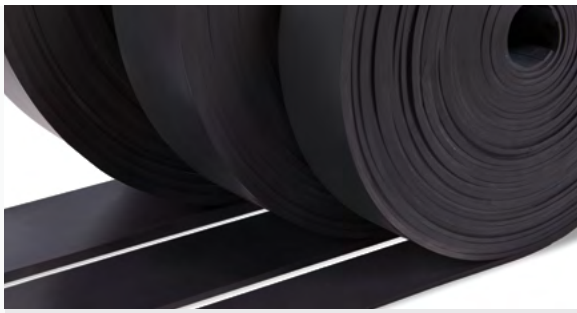
INDUSTRIAL GASKETS

FRAS 60 SKIRTING RUBBER

60 Duro | Fire-Resistant | Anti-Static | Synthetic Rubber



FEATURES

Industrial Gaskets FRAS 60 Skirting Rubber is black, premium grade, 60 Duro synthetic rubber strip, certified fire resistant and anti static. Independently tested and certified by the Mine Safety Technology Centre it meets MDG 3006 / MDG 3608 NON METALLIC MATERIALS FOR USE IN UNDERGROUND COAL MINES certification and is designed for use as a sealing skirt along conveyor belt on underground conveyor systems.

FRAS 60 Skirting Rubber has good tear resistance and is designed to be worn by the conveyor belt cover to create a seal once adjusted. This reduces both material spillage and dust escaping but also minimises wear to the conveyor belt cover itself.

FRAS 60 Skirting Rubber can be supplied as full slabs or as pre-cut skirting rubber strips to suit any standard conveyor system designs, ready for easy installation. It can also be supplied with pre cut holes, slots and bevels, as per specifications and drawings or custom designed to meet any application requirements.

TECHNICAL INFORMATION

Polymer	SBR	
Colour	Black	
Specific Gravity	1.28	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	250 mm3 (max) @ 10N	ASTM D5963
Tensile Strength	14 MPa (min)	ASTM D412
Elongation @ Break	300% (min)	ASTM D412
Tear Strength	60 N/mm (min)	ASTM D624
Temperature Range	-25°C to +90°C	

AVAILABLE SIZES

STANDARD THICKNESS	3mm, 6mm, 9mm, 12mm, 16mm, 19mm
STANDARD ROLL SIZE	1500mm x 30mtrs, 1500mm x 10mtrs (3mm)

Cut lengths and custom shapes are available upon request

STANDARD STRIP SIZE	75mm, 100mm, 125mm, 150mm, 200mm, 250mm, 300mm x 30mtrs

Strips can also be supplied at custom widths or with a 45 degree bevel upon request

APPLICATIONS

FRAS 60 Skirting Rubber has been designed primarily for use as a sealing side skirt along the conveyor belt on conveyor systems in underground applications. It is ideal for conveyor loading or transfer points in underground mines or construction tunnels but can be used in any application where ignition points and fire potential are a high risk such as grain handling and processing.

FRAS PROPERTIES

Ignitability & Flame Propagation
Has a mean persistence time of the flame of ≤30s. Has a mean persistence time of the afterglow of ≤120s. Has a mean persistence time of the flame for each individual test piece of ≤45s. The afterglow persistence time of each test piece is ≤180s

Oxygen Index
The calculated oxygen index is not less than 28%.

Electrical Resistance
The mean value for Electrical Resistance on both upper and lower surfaces is not greater than 300 MΩ (300x106 ohms).

Certification

> MDG 3006 MTR8 3.2 (2007
> MDG 3608 3.3 (2012)

Certification can be supplied upon request

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