

FRAS Rubber Sheet

Reglin FRAS is a premium grade 65 Duro certified Fire-resistant and Anti-static rubber sheet.

FEATURES

Reglin FRAS Rubber Sheet is made from a premium SBR rubber compound specifically designed to be F.R.A.S. (Fire-resistant and Anti-static) rated.

FRAS is independently tested and certified by the Mine Safety Technology Centre to meet MDG 3006 / MDG 3608 Non-metallic Materials for use in Underground Coal Mines.

FRAS has good physical properties including mechanical strength and abrasion resistance.



TECHNICAL INFORMATION

Polymer	SBR	
Colour	Black	
Specific Gravity	1.28	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Tensile Strength	14 MPa (min)	ASTM D412
Elongation @ Break	300% (min)	ASTM D412
Abrasion	180 mm ³ (max) @ 10N	ASTM D5963
Temperature Range	-25°C to +80°C	
Tear Strength	60 N/mm (min)	ASTM D624
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 (300x10 ⁶ ohms)	

AVAILABLE SIZES

Reglin stock FRAS Rubber Sheet in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes to suit your application requirements.

PART NO.	SIZE	WEIGHT (PER L/M)
FS150003	3mm x 1500mm (10 L/M Rolls)	5.9 kgs
FS150006	6mm x 1500mm (30 L/M Rolls)	11.7 kgs
FS150009	9mm x 1500mm (30 L/M Rolls)	17.6 kgs
FS150012	12mm x 1500mm (30 L/M Rolls)	23.4 kgs
FS150016	16mm x 1500mm (30 L/M Rolls)	31.2 kgs
FS150019	19mm x 1500mm (30 L/M Rolls)	37.1 kgs

STANDARDS

Reglin FRAS Rubber Sheet conforms with MDG 3608.

