TECHNICAL DATA SHEET

Queensland Gaskets

FRAS | RUBBER SHEET

FRAS Sheet Rubber is a premium grade 60 Duro SBR rubber specially formulated to be Fire-Resistant and Anti-Static (F.R.A.S.). It has excellent physical properties including good abrasion and tear strength.

FRAS Sheet Rubber has been independently tested and complies with: **MDG3006 MTR8 3.2** and **MDG 3608 3.3** FOR USE IN UNDERGROUND COAL MINES.

TECHNICAL INFORMATION

Polymer	SBR	
Colour	Black	
Specific Gravity	1.28	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	250 mm^3 (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	
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 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)	

APPLICATIONS

FRAS Sheet Rubber is designed primarily for use in applications in areas where ignition points and fire potential are a high risk, including:

- > Gaskets and seals
- > Pads and strips
- > Conveyor skirting and curtains
- > Variety of sealing applications

Certification

- **MDG 3006 MTR8 3.2** (2007)
- **MDG 3608 3.3** (2012)

Certification can be supplied upon request

AVAILABLE SIZES

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

Cut lengths, strips and custom shapes are available upon request

Contact us to discuss requirements and place your order 07 3277 3922

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.