



# KLINGERferroflex SP-AF/II

***Klinger SP/AF-II is an aramid fibre based gasket material with NBR binder with a pegged steel insert. It has excellent oil and fuel resistance combined with good stress relaxation and high temperature resistance. Typical applications include carburettor and diesel engines e.g. exhaust manifold, oil pan and heat shield.***

The Klinger group has been recognised as the market leader in gaskets and sealing for over a century. Our research and development laboratories have investigated over 250 different fibre forms in the search for asbestos free alternatives. The search has resulted in a range of high quality and high performance asbestos free materials that have been proven in service

#### General Properties

- Excellent resistance to high temperatures
- Resistant to oils, fuels, hydrocarbons etc.

#### Typical Specifications

- Maximum Temperature 900 °C
- Compressibility ASTM F36A 16%
- Stress relaxation DIN 52913 50MPa
- Minimum tensile strength (cross grain) 45MPa
- Thickness increase, Oil 3:5hr/150 °C <8%
- Thickness increase, Fuel B:5hr/20 °C <7%
- Thickness increase, Water-glycol <8%
- Density 2.3g/cm<sup>3</sup>

#### Availability

- 500mm wide rolls
- Thickness (mm): 1.2, 1.5





**J. A. Harrison & Co Ltd**

**J. A. Harrison & Co Ltd**

Britain Works, Sherborne Street, Manchester, M8 8HP  
Tel: 0161 832 2282 | Fax: 0161 832 3263  
Email: [enquiries@jaharrison.co.uk](mailto:enquiries@jaharrison.co.uk)

**Alliance & Heatshield Engineering**

Units 10 & 11, The Timber Yard, East Moors Road, Cardiff, CF24 5EE  
Tel: 02920 463303 | Fax: 02920 485883  
Email: [enquiries@alliancegaskets.co.uk](mailto:enquiries@alliancegaskets.co.uk)  
Company Registration No.: 1236981 | VAT No.: 150 5076 93

[www.jaharrison.co.uk](http://www.jaharrison.co.uk)



Certificate No.: 7243