

Klinger – 04/12/15



Klinger Ferroflex 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 Properties

- | | |
|--|----------------------|
| ▪ 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 ³ |

Availability

- 500mm wide rolls
- Thickness (mm): 1.3mm

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