

## High Temperature Seals for Hot Gas Filtration

**TENMAT** RF1000FL seals are manufactured from the highest quality exonerated mineral fibres and the seals are highly compressible yet strong.

**TENMAT** RF1000FL seals have been specifically designed to work in conjunction with **TENMAT**'s line of *FIREFLY* Hot Gas Candle Filters.

**TENMAT** *FIREFLY* Filter Elements are proven to remove micron and sub-micron particulate matter many times better than bag filters, electrostatic precipitators, wet scrubbers, and cyclones. They achieve emission levels better than current legislation requires.

When used alongside common sorbents, *FIREFLY* filters enable the capture of acids, furans, dioxins, and heavy metals from the flue gas stream.

**TENMAT** RF1000FL is available as pre-cut seal rings or full sheets of 1220mm x 610mm with thicknesses ranging from 5 to 75mm.



### STANDARD DIMENSIONS

External Diameter (mm)	80	100	200
Internal Diameter (mm)	60	60	153
Thickness (mm)	10 - 18	10 - 25	20

PROPERTY	UNITS	TYPICAL VALUE
Density	kg / m <sup>3</sup>	200
Max. Operating Temperature	°C	850
Linear Shrinkage (24h @ 850°C)	%	4.0
Thermal Conductivity		
200	W/mK	0.05
400	W/mK	0.07
600	W/mK	0.09

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS 2782 and ASTM test methods and should not be used for specifications. **TENMAT** does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose. For further information please contact our Technical Sales Department on +44 161 872 2181.