

# Technical Data Sheet

## 650 rope

650 CERAMIC FIBRE ROPE is made of high purity Alumina-Silicate wool reinforced by SS wire

- Characteristic**
- Non-combustible
  - Can withstand temperature up to 1200<sup>o</sup> F
  - Excellent abrasion resistance
  - Low thermal conductivity
  - Asbestos free

- Application**
- High temperature static seal e.g. door joint or gaskets for flanges.
  - Fire protection e.g. fires proof curtain against welding spark.
  - Asbestos substitute
  - For manufacturing of safety product e.g. safety gloves or apron.

**Classification temperature** 650<sup>o</sup>C (1200<sup>o</sup> F)

**Bulk** 650<sup>o</sup>C

**Melting temperature** 1740<sup>o</sup>C

		<b>Specificati on</b>	<b>Average</b>
<b>Chemical composition %</b>	Al <sub>2</sub> O <sub>3</sub>	≥ 44.0	46
	Al <sub>2</sub> O <sub>3</sub> + +SiO <sub>2</sub>	≥ 98.0	99
	Fe <sub>2</sub> O <sub>3</sub>	1.2 Max.	/

<b>Color</b>	<b>Diameter of fiber</b>	<b>Thermal conductivity @ 800 °C</b>	<b>Ignition Loss</b>
White	3-4um	<0.18w/m.k	18%