

**Compressed Fiber Sheet Carbon-500**



**GS3850 Compressed fiber sheet Carbon-500**

It is a high quality non-asbestos gasket sheet made from selected carbon fiber, aramid fiber, mineral fiber, graphite, oil resistant rubber, chemical additives and fillers, formed through compressing and calendering process under high temperature and pressure. It has excellent temperature resistance, durability and sealability. **100% asbestos free.**

**Specifications:**

<b>Density</b>		1.65±0.2g/cm <sup>3</sup>
<b>Transverse tensile strength</b>		≥13Mpa
<b>Compressibility</b>		10±5%
<b>Recovery</b>		≥50%
<b>Stress relaxation (100°C, 22h)</b>		≤35%
<b>Ignition loss (550°C, 1h)</b>		≤40%
<b>In IRM #903 oil, 150°C, 5h</b>	<b>Thickness increase</b>	≤15%
	<b>Weight increase</b>	≤15%
	<b>Compressibility</b>	10±5%
	<b>Recovery</b>	≥50%
	<b>Transverse tensile strength</b>	≥10Mpa
<b>In ASTM fuel B, 25°C, 5h</b>	<b>Thickness increase</b>	≤10%
	<b>Weight increase</b>	≤10%
<b>In H<sub>2</sub>O:(CH<sub>2</sub>OH)<sub>2</sub>=1:1 100°C, 5h</b>	<b>Thickness increase</b>	≤10%
	<b>Weight increase</b>	≤10%
	<b>Compressibility</b>	12±5%
	<b>Recovery</b>	≥50%

\* Above data are based on the 1.5mm thickness sheet.

**Suitable mediums:** Water, vapor, general gas, oils, etc.

**Peak temperature:** Up to 500~550°C;

**Suggested constant temperature:** ≤300°C;

**Peak pressure:** Up to 11Mpa;

**Suggested constant working pressure:** ≤7Mpa.

**Color:** Black.

**Normal Dimensions:**

For thicknesses between 0.3~3.2mm:

1290 x 1280mm; 3840 x 1290mm; 3840 x 2580mm;

For thicknesses between 3.2mm~6.0mm:

1290 x 1280mm.

