

"PGS" (Pyrolytic Graphite Sheet) Heat sink sheet**Handling Precautions****⚠ Safety Precautions**

PGS (Pyrolytic Graphite Sheet) Heat sink sheet (hereafter referred to as PGS) may result in accidents or trouble when subjected to severe conditions of electrical, environmental and /or mechanical stress beyond the specified "Rating" and specified "Conditions" found in the Specifications. Please follow the recommendations in "Safety Precautions" and "Application Notes". Contact our engineering staff or the factory with any questions.

1. ⚠ Safety Precautions

- 1.1 The PGS shall be used within the specified operating temperature range.
- 1.2 The PGS is soft, do not rub or touch it with rough materials to avoid scratching it.
- 1.3 Lines or folds in the PGS may affect thermal conductivity.
- 1.4 The PGS shall not be used with acid.
The PGS shall not be used in contact with a soldering iron at 400 °C or more
- 1.5 The PGS shall not be exposed to salt water or direct sunlight during use. The PGS shall not be used in corrosive gases (hydrogen sulfide, sulfurous acid, chlorine, ammonia etc.).
- 1.6 Our PGS has been developed for general industry applications. Prior to using the PGS for special applications such as medical, work please contact our engineering staff or the factory.
- 1.7 Never touch a PGS during use because it may be extremely hot.

2. Application notes

- 2.1 Use protective materials when handling and/or applying the PGS, do not use items with sharp edges as they might tear or puncture the PGS.
- 2.2 The PGS does not work properly if overheated.
- 2.3 Thermal conductivity is dependant on the way it is used.
Test the adaptability of PGS to your application before use.
- 2.4 The PGS has conductivity.
If required, the PGS should be provided insulation.
- 2.5 Long term storage
 - The PGS shall not be stored under severe conditions of salt water, direct sunlight or corrosive gases (hydrogen sulfide, sulfurous acid, chlorine, ammonia etc.).
 - The PGS shall not be stored near acid.