

# GlobeHeat Datasheet : Product Code GHT 7000 and GHT 7100



## Product Description

Superwool Plus insulation blanket provides improved handling strength and enhanced thermal properties, in addition to which large nuisance dust particles have been effectively eliminated making the product less irritating during use. Superwool Plus insulation blankets exhibit outstanding insulating properties at elevated temperatures and have excellent thermal stability whilst retaining their original soft fibrous structure and strength up to its maximum continuous use temperature. Superwool Plus Insulation blanket is available as (GHT 700) 96kg/m<sup>3</sup> or (GHT 7100) 128kg/m<sup>3</sup> density.

## General Application

Used to thermally insulate ceramic pad heating elements during pre and post weld heat treatment processes to minimise thermal losses and to eliminate large temperature differentials away from the heated zone. The insulation blanket can also be used for the insulation of large fabrications that are being internally heated and can provide protection for welders during preheating processes during welding operations.

## Features

- Exceptional thermal insulating performance.
- Free of binder or lubricant.
- Immune to thermal shock.
- Low heat storage
- Good resistance to tearing.
- Flexible and resilient.
- Reduced irritation during use.
- High strength before and after heating.

Specifications	
Density of product code GHT 7000	96kg/m <sup>3</sup>
Density of product code GHT 7100	128kg/m <sup>3</sup>
Roll dimensions	7320mm x 610mm x 25mm
Carton volume	4.6m <sup>2</sup>
Continuous use temperature	1000°C
Short term use	1100°C (Dependent upon application)
Thermal conductivity for 96kg/m <sup>3</sup> insulation	0.14 W/m.K at 600°C
Thermal conductivity for 128kg/m <sup>3</sup> insulation	0.12 W/m.K at 600°C
Chemical analysis %	SiO <sub>2</sub> : 62-68, CaO: 26-32, MgO: 3-7, Other oxides: <3
Tensile strength of blanket	55 kPa

