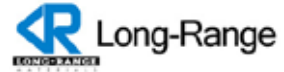


LONG-RANGE CRYOGENIC INSULATION BLANKET



THE LONG-RANGE CRYOGENIC INSULATION BLANKET IS DESIGNED TO MEET THE SPECIFIC INSULATION NEEDS OF THE CRYOGENIC EQUIPMENT MANUFACTURERS AND THEIR APPLICATIONS. MADE FROM HIGH QUALITY, SUPER-FINE GLASS FIBRE BONDED TOGETHER WITH A MELAMINE RESIN, IT'S LIGHTWEIGHT, LOW IN DENSITY AND GIVES MAXIMUM THERMAL PROTECTION WITH MINIMAL WEIGHT.



TECHNICAL INFORMATION

Width Range:

60mm to 1800mm to your specification (minimum quantities may be required)

Standard Width:

1800mm

Temperature Range:

-450°F to 450°F (-268°C to 232°C)

KEY BENEFITS

- Gives maximum thermal protection with minimal weight.
- Easy to handle and cut into support struts and legs.
- Virtually no outgassing under vacuum pressures and cryogenic temperature conditions.
- Gives faster pump-down times.
- Makes your production processes more efficient and improves your bottom line.

APPLICATIONS

The Insulation Blanket is suitable for any application within the temperature range of -268°C to 232°C.

TECHNICAL REPORTS

The following technical reports are available to give additional detail to support your selection:

- **Test report 05S43:** Material Outgassing Test at Normal Atmospheric Temperature
- **Test report 06S44:** Effective Thermal Effective Conductivity Coefficient Test
- **Material Safety Sheet**

SPECIFICATION

Items	Index (unit)
Thickness	25±5mm
Weight	360 – 440g/m ²
Width	900 – 1800mm
Length	8 – 25m
Moisture	≤0.5%
Thermal Conductivity (w/m•k)	Refer to chart
Fibre Diameter (mm)	Refer to chart
Temperature Range	-268°C – 232°C

BLANKET PERFORMANCE

The graphs on the right show the conductivity performance and diameter distribution achieved from the material.

