

Hot Temperature Insulations CL-1-1

The High Performance Hot Temperature Insulation CL-1-1 by HPtTex is used where regular (Kapton) MLI is not any more suitable. It can be used as additional protection layer for MLI or as separate insulation blanket.

A second application is the use of the CL-1-1 as ATOX protection for missions in the low earth orbit.



HPtTex CL-1-1 Key Characteristics:

- | | |
|---------------------|--|
| – Mass per area | < 300g/m² |
| – Thickness | < 1 mm |
| – Material | glass cloth |
| – Temperature Range | up to 500°C |
| – roll width up to | 1.5 m (for wider size, pls. contact us) |
| – Cleanliness class | ISO 8 (for better classes, pls. contact us) |
| – Emittance | > 0.8 |
| – Absorptance | < 0.2 |
| – Outgassing | TML <1% , CCV <0.1% |



Our name is our program:
HPtTex – High Performance Textiles, ready to
play a decisive role in space technologies.

Contact:

High Performance Textiles GmbH
Kirchenlamitzer Strasse 115
95213 Münchberg
Germany

Phone: +49 (0)89 452 057680
Mail: contact@hptex.de