

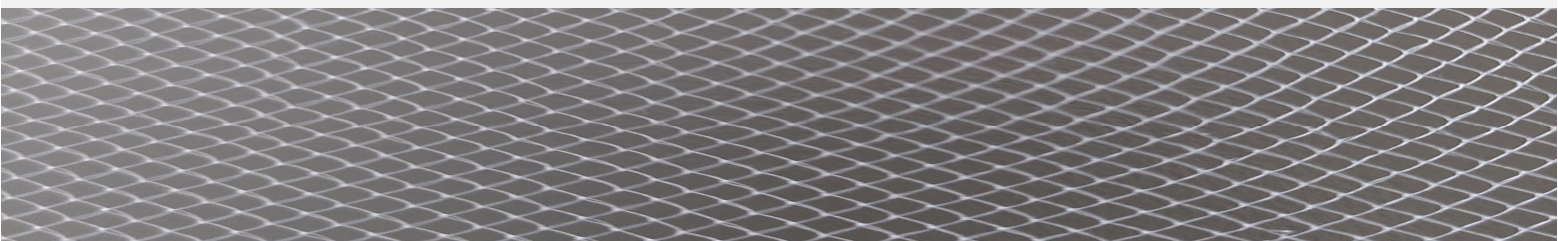
## Spacer P-F-13

The High Performance Spacer is usually used as a distance material to minimize conductive heat between multi-layer-insulation (MLI) blanket layers. The F-13 is the Standard HPtTex spacer and from our experience the best choice between weight, handling and performance. The spacer is cleaned to be free from particles.



### HPtTex P-F-13 Key Characteristics:

- Mass per area **< 9 g/m<sup>2</sup>**
- Thickness **< 0.3mm**
- Material **Polyester**
- Temperature Range **up to 120°C**
- Mesh width up to **1.2m** (for wider size, pls. contact us)
- Cleanliness class **ISO 8** (for better classes, pls. contact us)
- Outgassing values **TML < 1% , CCV < 0.1%**



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

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