

Data Sheet

HiTef Food Grade Premium 14 Black

Product Description

Product Name : PTFE Coated Fiberglass.

Coating Medium : Pigmented Polytetrafluoroethylene.

Substrate Type : Woven Fiberglass ("E" type).

Color(s) : Black

Product Specification

Coated Weight	1.33	(pounds/sq. yard)
(nominal)	720	(gr/sq. meter)
Overall Thickness	0.0130 - 0.0140	(inches)
(nominal)	0.340 - 0.360	(mm)
Substrate Thickness	0.0110	(inches)
(nominal)	0.280	(mm)
Tensile Strength	Warp= 400.78 / Fill= 354	(pounds/inch of width, ±5%)
(minimum)	Warp= 3565.53 / Fill= 2148.75	(Newtons/5cm)
Tear Strength	Warp= 380.5 / Fill= 311.5	(pounds/inch)
(minimum)	Warp= 3385.7 / Fill= 2771.34	(Newtons/5cm)
Operating Temperature	-100°F to 500°F / -73°C to 260°C	(continuous)
Adhesion	8.0	(pounds/inch of width, ±5%)
(resin to substrate)	68	(Newtons/5cm)

This Product is suitable for use in direct food contact applications under the applicable requirements of 21CFR177.1550

The data in this Data Sheet relates only to the specific material designated herein. To the best of our knowledge, the information contained herein accurate & HiTemp Materials Corp. assumes no liability for its accuracy or completeness. Final determination of suitability of any material is the sole responsibility of the user. All materials ay present unknown hazards & should be used with caution.