FABRITEX
PERFORMANCE FLEXIBLE COMPOSITES

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DATA SHEET FAB210

PRODUCT SPECIFICATIONS

SUBSTRATE TYPE	**WOVEN FIBERGLASS (“E” TYPE)**	
COATING MEDIUM	**POLYETRAFLUOROETHYLENE**	
COATED WEIGHT	**0.940-1.248 (POUNDS/SQ. YD)**	**510-677 (GRAMS/SQ. METER)**
OVERALL THICKNESS	**0.0095”-0.0106” (INCHES)**	**NOMINAL 0.241-0.269 (MM)**
SUBSTRATE THICKNESS	**0.0068 (INCHES)**	**NOMINAL 0.1727 (MM)**
OPERATING TEMPERATURE	**-100°F TO +500°F**	**-73°C TO +260°C**
BREAKING STRENGTH	**W=350 / F=250 (POUNDS/INCH OF WIDTH)**	**62,510/44,650 (GRAMS/CM) (MINIMUM)**
TEAR STRENGTH (TRAPEZOID METHOD)	**W=12 / F=8 (POUNDS)**	**5,443.20 / 3,628.80 (GRAMS) (MINIMUM)**
%ELONGATION	**W=4.5 / F=4.1**	**(@BREAK)**

21 CFR 177.1550 IS THE FDA REGULATION THAT ESTABLISHES THE SAFETY STANDARDS FOR PERFLUOROCARBON RESINS—MOST COMMONLY KNOWN AS PTFE (TEFLON) AND OTHER FLUOROPOLYMERS—USED IN MATERIALS THAT COME INTO CONTACT WITH FOOD. ACCORDING TO FDA REGULATIONS PTFE IS SAFE FOR FOOD CONTACT. FABRITEX PTFE MATERIALS COMPLY WITH REACH, RoHS, and WEEE REQUIREMENTS.

The data in this Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. To the best of our knowledge, the information contained herein is accurate. However, Fabritex assumes no liability whatsoever for the accuracy or completeness of the information contained in this Data Sheet. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.