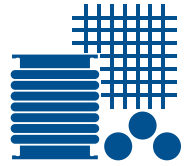


PTFE WOVEN FABRIC



Technical Data Sheet

January 2013

PTFE fabric is produced from expanded PTFE “thread”. The thread is woven into fabric in a manner similar to weaving other synthetic materials such as polyester or nylon filaments into fabric.

PTFE woven fabric is EC1935/2004 compliant and FDA-acceptable for direct food contact per CFR 21.177.1680 and CFR 21.177.2600.

- Non-stick for improved product flow and remain dimensionally stable after cleaning with CIP solutions.
- Flex fatigue and tear resistance rates as excellent. Abrasion resistance is very good.
- **Recommended for use on all types of vibratory and gyratory equipment.**

PTFE woven fabrics can be sewn using standard sewing machines into an unlimited variety of shapes and configurations to meet customer requirements.

PROPERTY	FABRIC WOVEN FROM 100% EXPANDED PTFE FIBERS
Weight	15.3 oz/sq yd 520 g/m ²
Temperature Range	-350° to +500° F -212° to 260° C
Average Air Permeability	30 CFM at 0.5" water gauge
Maximum Strength	Warp: 375 /lb/in / 3290 N/ 5cm Fill: 385 lb/in / 3,370 N/5 cm
Elongation at Yield	Warp: 11.3% Fill: 6.4%
Light Values	Transmission: 30% Reflection: 69% Absorption: 0-1%
Flex Life	Virtually Unlimited
Color	White
Flammability	94 V-0; LOI is greater than 95%
Chemical Resistance	Resistant to all acids and alkaline solutions from pH 0 to 14 and all organic solvents of the entire useful temperature range.
UVR	Completely resistant to UV radiation

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. Siftex strongly suggests that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of the product in their specific application.