

PTFE-COATED STANDARD

CF103

CF103 is based on lightweight woven fibreglass reinforcement coated with PTFE. It is characterized by a highly consolidated PTFE coating and smooth surface, resulting in excellent release ("non-stick") and insulation properties.

Typical applications include: baking release sheets; coil and phase insulation on motors; solenoids, relays, transformers and other environments where an extremely smooth and flexible release fabric is required.

TYPICAL PROPERTIES

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Standard Widths	1000, 1525	mm	39.4, 60	in	-
Weight	155	g/m ²	4.6	oz/yd ²	FTMS 191A-5041
Thickness	0.075	mm	3	mil	FTMS 191A-5030
Tensile Strength	130 x 90	N/cm	75 x 50	lb/in	FTMS 191A-5102
Trap Tear Strength	11 x 7	N	2.5 x 1.6	lb	FTMS 191A-5136
Dielectric Strength	3.8	kV	1267	V/mil	
Temperature Resistance	-150 to +260	°C	-240 to +500	°F	-
PTFE Content	69 %				-

FEATURES AND BENEFITS

- Thermally stable from -150 to +260 °C
- Chemically inert
- Non-stick and washable
- Dimensionally stable
- Non-flammable/fire resistant
- Low electrical losses
- Food compliant and hygienic
- Excellent heat transfer
- High dielectric strength

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