



TCK COATED ARAMID

TCK110

TCK110 is a Versiv PTFE-coated Kevlar® fabric with extremely high tensile strength relative to thickness.

This product is an excellent fabric for use in high moisture environments and performs well in applications requiring high tear and flex resistance as well as durability.

TYPICAL PROPERTIES

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Standard Widths	1250	mm	49.2	in	-
Weight	700	g/m ²	20.6	oz/yd ²	FTMS 191A-5041
Thickness	0.250	mm	9.5	mil	FTMS 191A-5030
Tensile Strength	800 x 950	N/cm	460 x 540	lb/in	FTMS 191A-5102
Trap Tear Strength	250 x 290	N	56.2 x 65.2	lb	FTMS 191A-5136
Dielectric Strength	1.6	kV	163	V/mil	
Temperature Resistance	-73 to +220	°C	-99 to +500	°F	-
PTFE Content	55 %				-

FEATURES AND BENEFITS

- Thermally stable from -73 to +260 °C
- Chemically inert
- Non-stick and washable
- Dimensionally stable
- Non-flammable/fire resistant
- Low electrical losses
- Excellent barrier properties
- High tensile and tear strength

CONTACT US

+353 65 90 80 170

contact@versivcomposites.com

Versiv Composites Limited
Kilrush, Co. Clare, V15 NW27, Ireland

www.versivcomposites.com

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