



TCK COATED ARAMID

TCK105

TCK105 is a Versiv PTFE-coated Kevlar® fabric with extremely high tensile strength relative to thickness.

This product is typically used in conveyor belt applications and is particularly suitable as an edge reinforcement material. Kevlar® is recommended for use in moist and/or steam environments.

TYPICAL PROPERTIES

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Standard Widths	1250	mm	49.2	in	-
Weight	220	g/m ²	9.4	oz/yd ²	FTMS 191A-5041
Thickness	0.130	mm	5.1	mil	FTMS 191A-5030
Tensile Strength	240 x 300	N/cm	135 x 170	lb/in	FTMS 191A-5102
Trap Tear Strength	30 x 40	N	6.7 x 9.0	lb	FTMS 191A-5136
Temperature Resistance	-73 to +220	°C	-99 to +500	°F	-
PTFE Content	74 %				-

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
- Excellent heat transfer
- High tensile and tear strength

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