



## TCK COATED ARAMID

# TCK105 AS

**TCK105 AS** is a Versiv PTFE-coated Kevlar® fabric with anti-static properties. It has 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	750, 1250	mm	29.5, 49.2	in	-
Weight	220	g/m <sup>2</sup>	6.5	oz/yd <sup>2</sup>	FTMS 191A-5041
Thickness	0.130	mm	5.1	mil	FTMS 191A-5030
Tensile Strength	280 x 300	N/cm	160 x 170	lb/in	FTMS 191A-5102
Trap Tear Strength	25 x 40	N	5.6 x 9.0	lb	FTMS 191A-5136
Temperature Resistance	-73 to +220	°C	-99 to +500	°F	-
PTFE Content	74 %				-
Surface Resistance	< 1 x 10 <sup>6</sup> Ω/cm <sup>2</sup>				ASTM D257-78

### 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

### CONTACT US

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Version 1 • Valid 11/2023 • Supersedes all previous versions