



## TTT-KEV-2200

### 1 DESCRIPTION

TTT-KEV-2200 is a fairly modern fabric with an innumerable amount of applications across many industries. Known for its heat-resistance and incredible strength, KEVLAR has found itself used as an essential component in protective equipment used by all industrial fields for abrasion protection, high strength fabric for covers and blankets. TTT-KEV-2200 is an aramid fiber blend over a fiberglass core yarn. It can be used to produce high temperature sleeves, heat shields and curtains, tadpole seals, etc.

### 2 APPLICATIONS

TTT-KEV-2200 is intended for preheat blankets, kneeling pads, protecting hoses, cables, welding neck protector, low temperature heating blankets and welding gloves.

### 3 ADVANTAGES

TTT-KEV-2200 is most notably recognized for its durability and ability to withstand impact, due to its high tensile strength-to-weight-ratio. It is known to be five times stronger than steel. In terms of temperature, TTT-KEV-2200 can not only maintain its durability down to cryogenic temperatures, but is even found to be stronger in such conditions. In intense heat, the tensile strength is found to reduce by 10% after exposure to 160°C (320 °F) for 500 hours.

### 4 PROPERTY DATA

Characteristics:	Method:	English Values:	Metric Values:
Weight	ASTM-D-3776	22.0 oz/sy +/- 10%	623.69 g/m <sup>2</sup> +/- 10%
Thickness	ASTM-D-1777	0.08" +/- 10%	2.032 mm +/- 10%
Tensile Strength	ASTM-D-5035	Warp: 225 lbs/in Fill: 150 lbs/in	40.1804 kg/cm 26.787 kg/cm
Temperature Resistance	N/A	600°F	315.556 °C
Color:	N/A	Yellow and Green	

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