



Kevlar® Tape

Part # - 531, 532, 533, 2482, 2495

5 oz/sq yd, .0100" Thick, 17x17 Plain Weave.

Kevlar® tape is ideal for selective reinforcement of Kevlar®, fiberglass or carbon laminations and repairs. This plain weave style offers optimum stability and drapeability for wrapping or laying in strips. Highly recommended in lieu of cutting Kevlar® into small strips.

Product Properties	
Weight	5 oz./yd. ²
Fiber	Kevlar 49, 1140 denure
Thickness	.010"
Weave	Plain
Count	17x17
Widths	1" – 6" (approx.)
Tensile	(lbs. Per inch)
Warp	624
Fill	643

Resin Compatibility:

Kevlar® Tapes are compatible with Polyester, Vinyl Ester, and Epoxy Resins.

General Properties for Kevlar®

- Excellent thermal & dimensional stability
- Performs with no strength loss up to temperatures of 320°F for extended periods.
- Lighter in weight than E-Glass with specific strengths.
- Sensitive to direct exposure from UV light; however, demonstrates little or no change in a composite when it is indirectly exposed to UV light.
- Will not melt or support combustion, however, it will begin to caramelize at approximately 800°F

Weave Pattern Rankings:

	Thickness	Weight	Strength	Porosity
Plain	3	1	3	1
Twill	2	1	4	2
4-Harness Satin	3	1	4	2
8-Harness Satin	1	1	7	4
Leno	7	7	1	7
Mock Leno	6	1	2	4

This was a scale from 1 to 7, with 1 being the lowest and 7 being the highest