

2.36 oz Uni Spread Tow Carbon Fiber Tape - 80 UD UTS50S WO/20:80

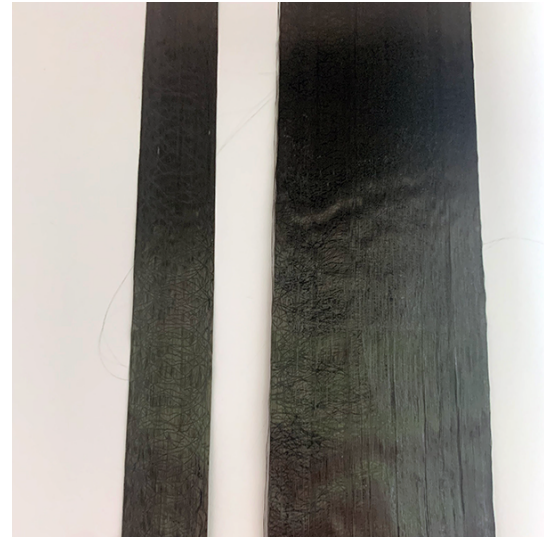
A light-weight spread tow tape manufactured to increase performance by carefully spreading carbon fiber yarn out into an ultra-light, ultra-strong tape.

PHYSICAL PROPERTIES

Weave:	Unidirectional
Width:	0.78" (20mm)
Fiber Weight:	2.36 oz/yd ² (80 gsm) +/- 3%
Binder/Stabilizer:	NM688, One Side
Binder/Stabilizer Weight:	0.15 oz/yd ² (5 gsm) +/- 3g/m ²
Sizing:	Epoxy Compatible
Warp Fiber:	Carbon Fiber UTS50 12K F22 S 80gsm
Tape Width (Warp xFill):	20mm/20mm
Storage:	Dry and Below 86° F
UV Sensitive:	No
Thickness of one ply laminate @60% VF:	0.080mm
Vendor:	TeXtreme®
Vendor Part:	TeXtreme® 5016

TECHNICAL FIBER PROPERTIES

Fiber:	Carbon Fiber UTS50 12K F22 S 80gsm
Density:	1.78 lb/in ³
Tensile Strength:	5100 MPa
Tensile Modulus:	245 Gpa
Elongation:	2.1%



FEATURES/BENEFITS

- Achieve thinner laminates
- Reduce weight by 20% or more
- Desirable appearance
- Smooth and low porous surface finish
- Easy to handle, cut and place

USES INCLUDE

- Formula One & NASCAR Sprint Cup Racing
- Cryonic tanks, aircraft interior components or UAVs
- Hockey sticks and golf shafts
- Thin ply carbon diaphragms

COMPATIBILITY

- Epoxy Compatible