

Brand name		Tenax®	Tenax®
Production site		J / E	J / E
Product designation		STS40 F13 24K 1600tex	STS40 F13 48K 3200tex CP
Sizing properties		F13	F13
Number of filaments		24.000	48.000
Nominal linear density ¹⁾	[tex]	1600	3200
Twist	[t/m]	0	0
Running length per kg	[m/kg]	625	312
Package weight, net	[kg]	2 / 4 / 6 / 8	6 / 8 / 10

1) without sizing

Characteristics (typical values)

Filament diameter	[µm]	7.0	7.0
Density	[g/cm ³]	1.77	1.77
Tensile strength	[MPa]	4000	4000
Tensile modulus	[GPa]	240	250
Elongation at break	[%]	1.7	1.6

Sizing properties for fiber family STS

STS is a special type suitable for modern industrial applications and it can be processed for all common fiber processing methods.

F13 = Type with approx. 1.0 % sizing based on polyurethane

CP = Center Pull (tube removable)

Please contact our sales team any time for choosing the right type. The stated numbers are typical values. For design purposes please request fiber specification.

Please note the application (aerospace or industry & sports) on your order.

The export or transfer of carbon fibers can be subject to authorization, depending on end-use and final destination.