Flexstrand®

strength in every strand

Softstrand®

strength in every strand

Flexible Strength

Flexible fiberglass reinforcement to protect your information highway!

For over 30 years, the team in Granite Falls, NC has continued to lead the industry in innovation with SOFTSTRAND® and INSTANTDRY® fiberglass strength elements. GFC is your top source for fiberglass strength member needs.

GFC fiberglass strength yarn is manufactured with ISO 9000 quality standards and surpasses the competition with a level of consistency and reliability that will improve cable throughput and productivity in the cable manufacturing process.

"Smooth payoff, consistent strand dimensions, superior tensile and environmental performance, un-matched waterblocking swell performance", are just a few of the compliments regularly given by cable manufacturing Engineers and operators that use GFC flexible fiberglass products.

SOFTSTRAND INSTANTDRY®
SOFTSTRAND®

*Also available in SOFTSTRAND INSTANTDRY® water-blocked versions

GFC
strength in every strand

Granite Falls Composites, Inc | 828-396-2121 | 3908 Hickory Blvd | Granite Falls, NC I USA

Properties	Linear Density	Break Strength	Elongation	LOI	LASE 0,5%	LASE 1,0%	Modulus	Width	Thickness
Unit	tex	N	%	%	N	N	GPa	mm	mm
785 D									
Nom.	785	588	3.4	5.3	117	235	80	1.40	0.30
Min.	746	411	2.6	4.4	98	205	70	1.00	0.15
Max.	824	NA	4.4	6.2	NA	NA	NA	2.00	0.40
Tolerance	± 5%								

Properties	Linear Density	Break Strength	Elongation	LOI	LASE 0,5%	LASE 1,0%	Modulus	Width	Thickness
Unit	tex	N	%	%	N	N	GPa	mm	mm
1330 C									
Nom.	1350	941	3.7	10.00	186	362	80	1.95	0.40
Min.	1283	784	2.6	8.50	147	294	70	1.80	0.30
Max.	1418	NA	4.8	11.50	NA	NA	NA	2.15	0.50
Tolerance	± 5%								
1700 C									
Nom.	1680	1176	4.0	11.50	225	450	80	2.15	0.48
Min.	1596	833	2.7	9.50	176	392	65	1.950	0.35
Max.	1764	NA	5.2	13.50	NA	NA	NA	2.350	0.65
Tolerance	± 5%								
1700 L									
Nom.	1680	1176	4.0	11.50	225	450	80	2.15	0.48
Min.	1596	833	2.7	9.50	176	392	65	1.950	0.35
Max.	1764	NA	5.2	13.50	NA	NA	NA	2.350	0.65
Tolerance	± 5%								

SOFTSTRAND INSTANTDRY® - water swellable versions

Properties	Linear Density	Break Strength	Elongation	LOI	LASE 0,5%	LASE 1,0%	E-modulus	Width	Thickness	Absorption
Unit	tex	N	%	%	N	N	GPa	mm	mm	%
785 G										
Nom.	815	539	3.1	7.0	117	225	80	2.03	0.20	475
Min.	775	392	2.5	5.5	98	196	68	1.65	0.13	250
Max.	855	N/A	4.1	9.0	N/A	N/A	N/A	2.41	0.40	N/A

Softstrand®
strength in every strand

Softstrand InstantDry®
strength in every strand