

PETstrand®

strength in every strand

Poly Binder yarn

PETstrand for your high-speed binding use – without buffer tube indention and without attenuation issues!

As today's optical fiber cables become increasingly compact, GFC sets the standard with its low-shrinkage binder yarn—engineered to perform where precision matters most.

With minimal room for material movement in smaller cable designs, GFC has developed an ultra low-shrinkage binder yarn that ensures exceptional dimensional stability and long-term reliability.

GFC PETstrand delivers the consistent elongation and tension control required for flawless production performance. Available in dual-end configurations, it allows two parallel yarns to unwind simultaneously—boosting production speeds by up to 50% while maintaining the quality and precision GFC is known for.



DUAL END



SINGLE END



HIGH SPEED
4000RPM

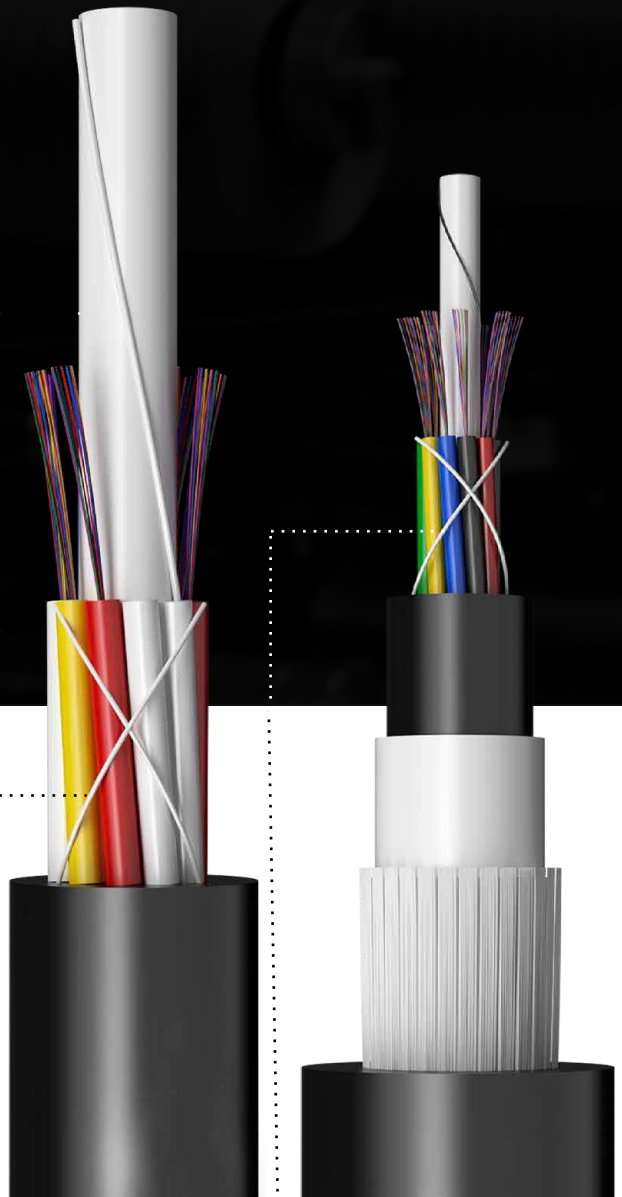


LOW
SHRINKAGE



ULTRA LOW
SHRINKAGE

*Also available in PETstrand INSTANTDRY® water-blocked versions!



PETstrand Binder Yarn

GFC

strength in every strand

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

Properties	Meter weight	Runnage	Break Strength	Elongation	Shrinkage at 190°C *15 min	Shrinkage at 150°C *15 min
Test method	ASTM D 885	ASTM D 885	ASTM D 885	ASTM D 885	GFC Method	GFC Method
Unit	(g/m)	(m/kg)	(N)	(%)	%	%
1100 dTex LS						
Nom.	0.110	9091	70	20		
Min.	0.105	8658	65	16		
Max.	0.116	9569		24	4.0	2.0
Tolerance	± 5%	± 5%		± 4		
1670 dTex LS						
Nom.	0.170	5882	105	20		
Min.	0.162	5602	95	16		
Max.	0.179	6192		24	4.0	2.0
Tolerance	± 5%	± 5%		± 4		
2200 dTex LS						
Nom.	0.220	4545	140	20		
Min.	0.209	4329	125	16		
Max.	0.231	4785		24	4.0	2.0
Tolerance	± 5%	± 5%		± 4		
1100 dTex ULS						
Nom.	0.110	9091	75	20		
Min.	0.105	8658	65	16		
Max.	0.116	9569		24	0.6	0.25
Tolerance	± 5%	± 5%		± 4		
1670 dTex ULS						
Nom.	0.170	5882	105	21		
Min.	0.162	5602	95	16		
Max.	0.179	6192		26	1.0	0.5
Tolerance	± 5%	± 5%		± 5		
2200 dTex ULS						
Nom.	0.220	4545	150	20		
Min.	0.209	4329	140	16		
Max.	0.231	4785		24	0.6	0.25
Tolerance	± 5%	± 5%		± 4		

Elongation at break: 1670 dTex LS (example)

