

Arastrand InstantDry®

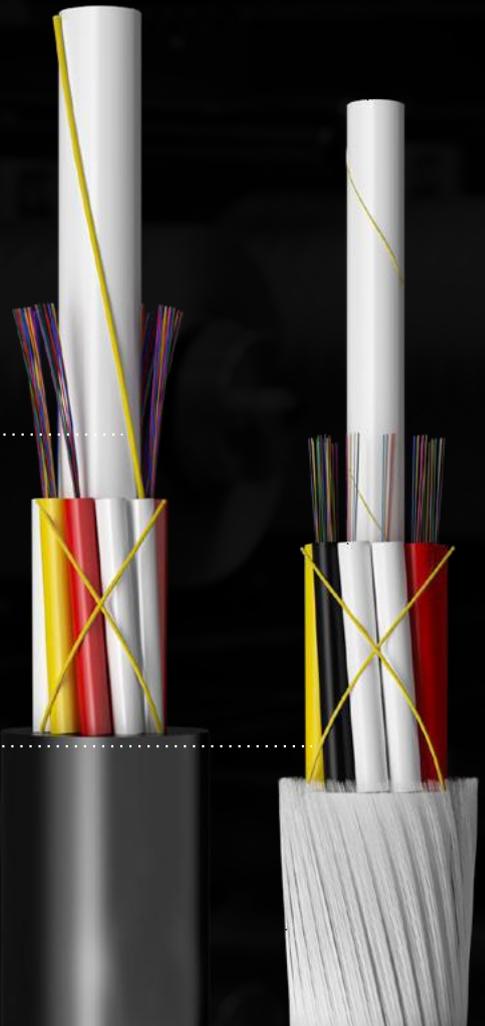
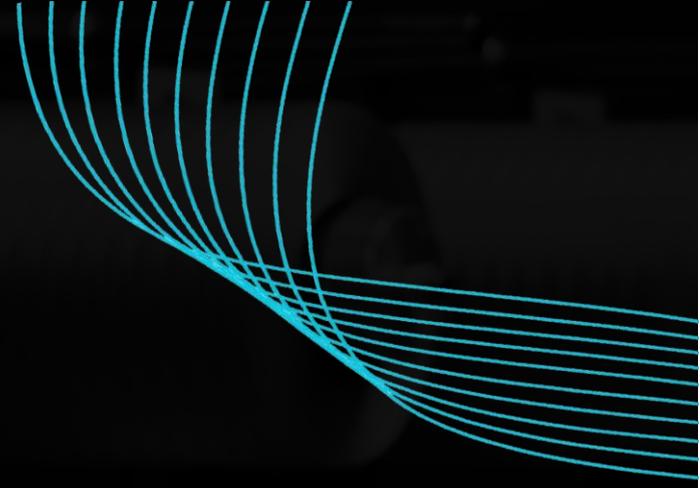
strength in every strand

WB Aramid yarn

Swellable strength yarn to protect your information highway!

GFC ARASTRAND INSTANTDRY® water-blocking (WB) high modulus aramid yarns help prevent longitudinal water penetration in cable constructions. The impregnation process of the super absorbent particles on the aramid yarn ensures even distribution of the swell effect as well as making for a dust free processing environment. The result is a complete solution for dry cable designs.

ARASTRAND InstantDry WB Aramid Yarn



	WB Coated Linear Density	Modulus	Break Strength	Elongation	Absorption*
	dTex	GPa	N	%	gr/gr - %
Nom.	773	95	161	3.5	10.0
Min.	640	85	146	3.0	5.0 - 300
Max.	796			4.0	
	dTex	GPa	N	%	gr/gr - %
Nom.	1000	102	193	3.5	10.0
Min.	940	92	177	2.8	5.0 - 300
Max.	1066			4.0	
	dTex	GPa	N	%	gr/gr - %
Nom.	1710	120	311	2.7	10.0
Min.	1610	105	280	2.0	5.0 - 300
Max.	1820			3.2	
	dTex	GPa	N	%	gr/gr - %
Nom.	1780	110	355	2.7	10.0
Min.	1691	100	335	2.0	5.0 - 300
Max.	1869			3.2	
	dTex	GPa	N	%	gr/gr - %
Nom.	3550	114	539	2.50	10.0
Min.	3471	105	401	1.98	5.0 - 300
Max.	3629			3.8	

*Water-uptake (absorption): sample submersed in RT Distilled Water for 1 minute. Calculated using the submersed wt./dry wt. Minimum of 300% with adjustable levels available based on needed performance

Breaking Strength: 1780 WB Aramid (example)

