

Roblon Instantdry®

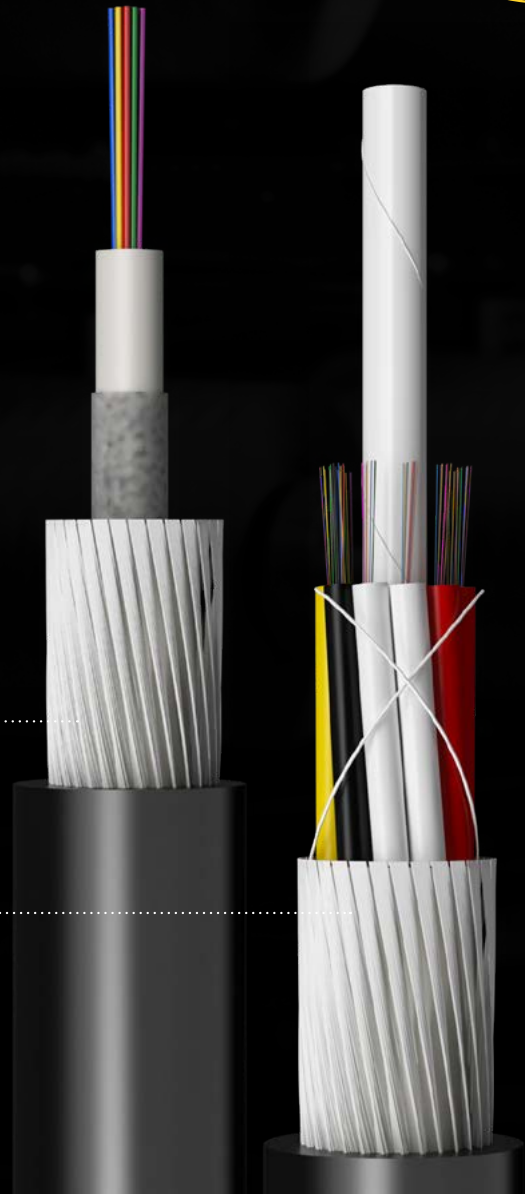
Roblon Instantdry® is a flexible and wear resistant glass strength member, ideal for reinforcement of dry optical fiber cable designs.

Roblon Instantdry® offers a variety of features in one yarn; the highest wear resistance with water blocking ability and strength. It is increasingly being used to replace WB tapes and gels in optical fiber cable designs thus ensuring greater effectiveness during both production and installation.

- Excellent abrasion resistance
- Outstanding swell performance
- 26 km package lengths available
- Dimension stability and uniform shape
- Optimal use in all Roblon servers

Roblon Instantdry®

Roblon Instantdry®



FLEXIBLE



HIGH SPEED
>150RPM



LOW METER
WEIGHT



WEAR
RESISTANT



SMOOTH
NO DUST



WATER
BLOCKING



14.02.2024

Roblon

The data in this technical data sheet is provided for informational purpose only and does not constitute a specification. The latest update of the datasheet is always available on www.roblon.com

info@roblon.com

www.roblon.com

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		4.1	9.0				2.41	0.40	
1600 G										
Nom.	1640	1078	3.6	6.5	225	441	80	2.70	0.30	375
Min.	1558	931	2.8	5.3	176	392	70	2.00	0.20	250
Max.	1722		4.4	8.0				3.60	0.45	

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 H										
Nom.	840	539	3.1	10.0	117	225	80	2.15	0.22	1800
Min.	798	411	2.5	7.5	98	186	65	1.80	0.10	1000
Max.	882		4.1	12.5				2.50	0.35	
1200 H										
Nom.	1375	735	3.2	10.0	176	362	78	2.80	0.33	1700
Min.	1306	588	2.5	7.5	137	313	70	2.00	0.20	1000
Max.	1444		4.2	12.5				3.00	0.40	



Instantdry® provides excellent water absorption performance.