

# Roblon WB E-Glass

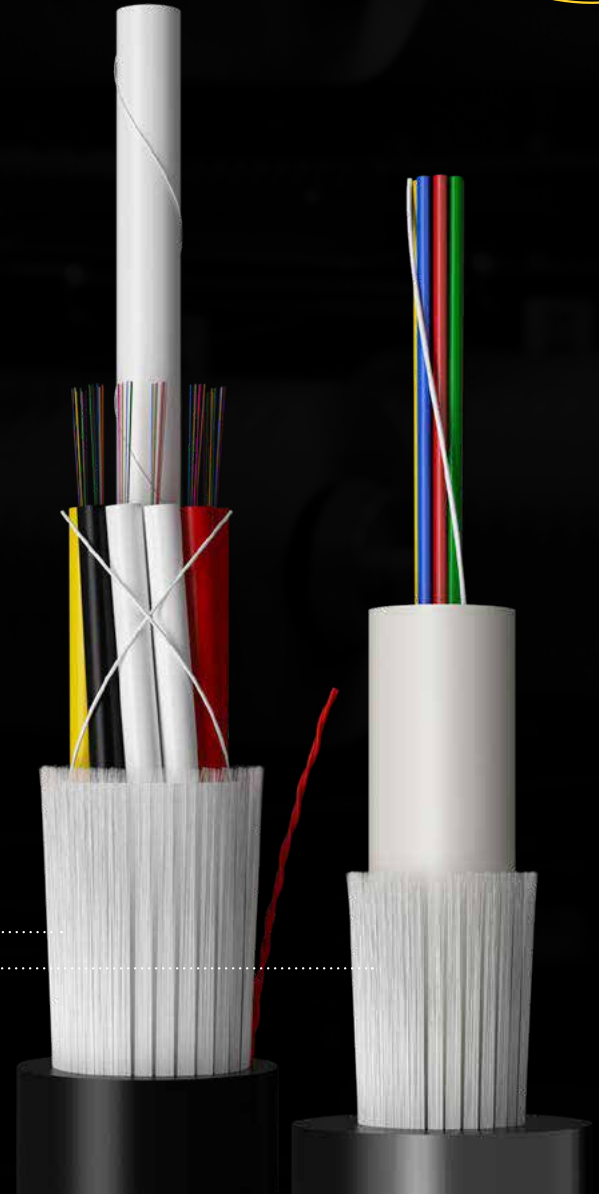
**Roblon Water-Blocking (WB) E-Glass is ideal for reinforcement of dry optical fiber cable designs.**

Roblon WB E-Glass prevents water from penetrating the optical fiber cables. Its water-blocking formulation has a proven track record and Roblon WB E-Glass is used by optical cable manufacturers world wide.

The Roblon water-blocking formulation, combined with decades of experience in high quality winding, ensures minimum accumulation of dust during cable production. The swell performance of Roblon WB E-Glass has been optimised for use in optical fiber cables.

- WB formulation
- Low meter weight and high runnage
- Minimal dust from impregnation
- Smooth in production
- Excellent absorption properties
- Optimal use in all Roblon servers

Roblon WB E-Glass .....  
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FLEXIBLE



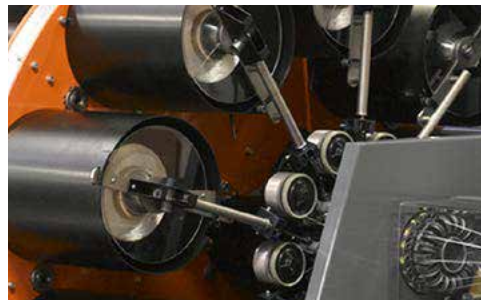
LOW METER WEIGHT



SMOOTH NO DUST



WATER BLOCKING



17.03.2025

**Roblon**

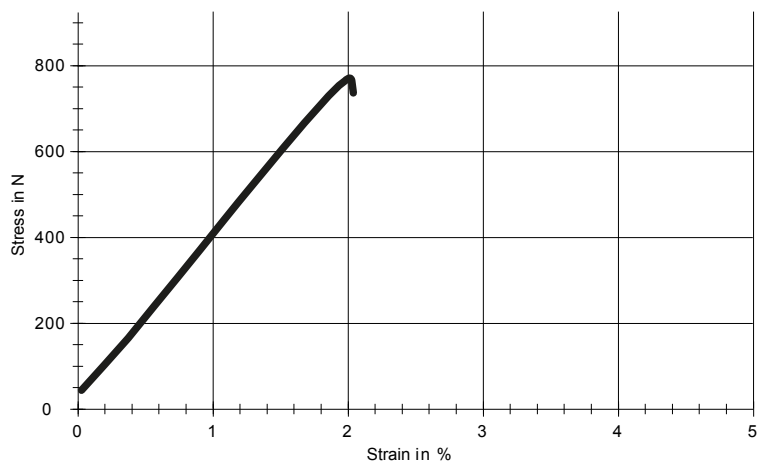
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[info@roblon.com](mailto:info@roblon.com)

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Properties	Meter weight	Runnage	Break Strength	Elongation	E-modulus	LASE 0.3%	LASE 0.5%	LASE 1.0%	Absorption	Absorption
Test method	ASTM D 885	ASTM D 885	ASTM D 885	ASTM D 885	EN/ISO 3341	EN/ISO 3341	EN/ISO 3341	EN/ISO 3341	Roblon Method	Roblon Method
Unit	g/m	m/kg	N	%	GPa	N	N	N	g/m	g/g
<b>WB 600 Tex</b>										
Nom.	0.61	1639	340	2.0	80	70	110	210		
Min.	0.57	1532	230	1.3	70	60	100	190	2.0	3.1
Max.	0.65	1763		2.7	90	80	120	230		
<b>WB 735 Tex</b>										
Nom.	0.74	1351	440	2.0	80	85	130	245		
Min.	0.69	1263	290	1.3	70	75	115	225	2.5	3.2
Max.	0.79	1453		2.7	90	95	145	265		
<b>WB 1200 Tex</b>										
Nom.	1.21	826	670	2.0	80	135	210	395		
Min.	1.13	772	450	1.3	70	125	190	365	3.0	2.3
Max.	1.29	889		2.7	90	145	230	425		
<b>WB 2400 Tex</b>										
Nom.	2.42	413	1380	2.0	80	260	400	755		
Min.	2.25	386	910	1.3	70	230	360	705	3.0	1.5
Max.	2.59	444		2.7	90	290	440	805		

### Tensile strength: 1200 Tex (example)



The water-blocking solution of Roblon WB E-glass offer minimal accumulation of dust during processing.