

Roblon WB Light-Flex

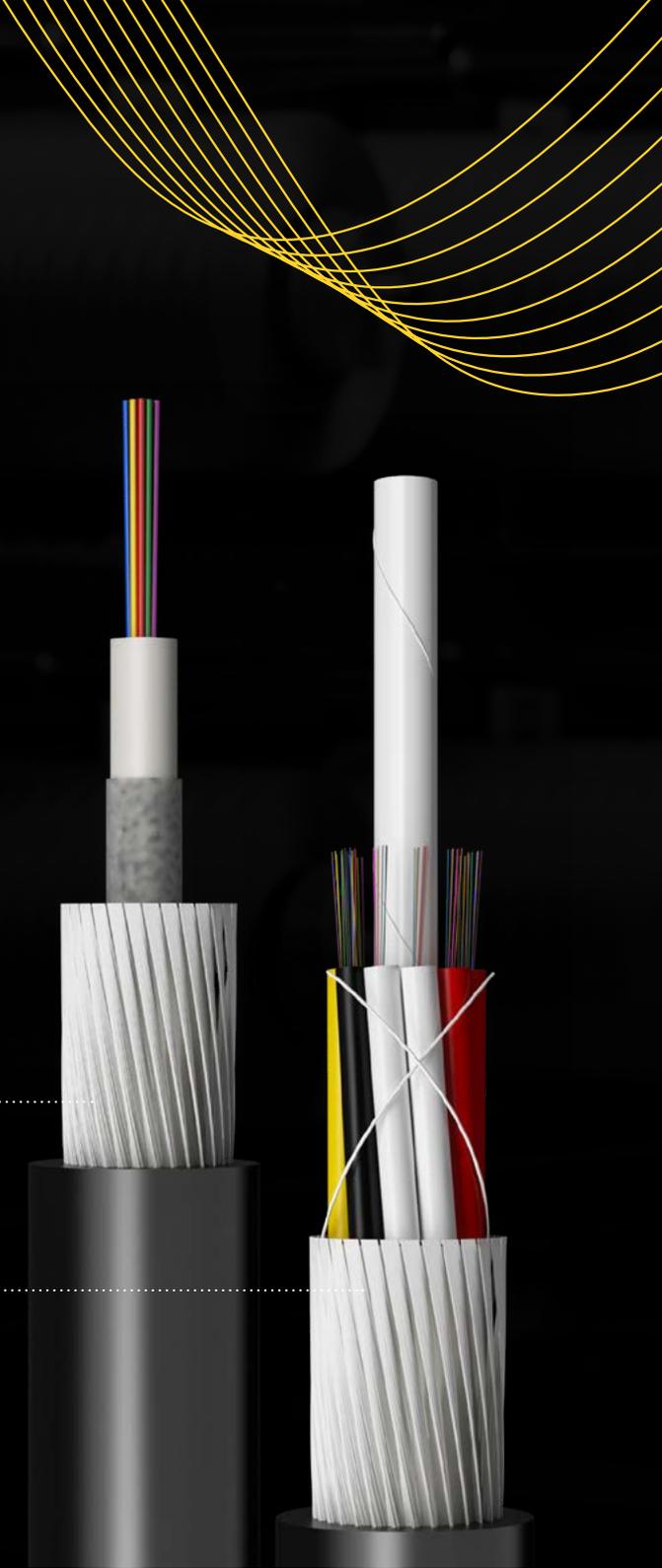
Roblon Water-Blocking (WB) Light-Flex is a flexible and wear-resistant glass strength member, ideal for reinforcement of dry optical fiber cable designs.

The WB Light-Flex glass strength member offers a variety of features in one yarn; extremely high wear resistance and flexibility, 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.

Unlike most coated yarns, the special coating formulation of Roblon WB Light-Flex, makes it possible to splice any left-over material and thereby reduce the risk of scrap material.

- Protects cable core from water
- Low impregnation level
- Soft yet wear resistant
- Improved absorption formulation
- Optimal use in all Roblon servers

Roblon WB Light-Flex
Roblon WB Light-Flex



FLEXIBLE



HIGH SPEED
>150RPM



LOW METER
WEIGHT



WEAR
RESISTANT



SMOOTH
NO DUST



WATER
BLOCKING



14.02.2024

Roblon

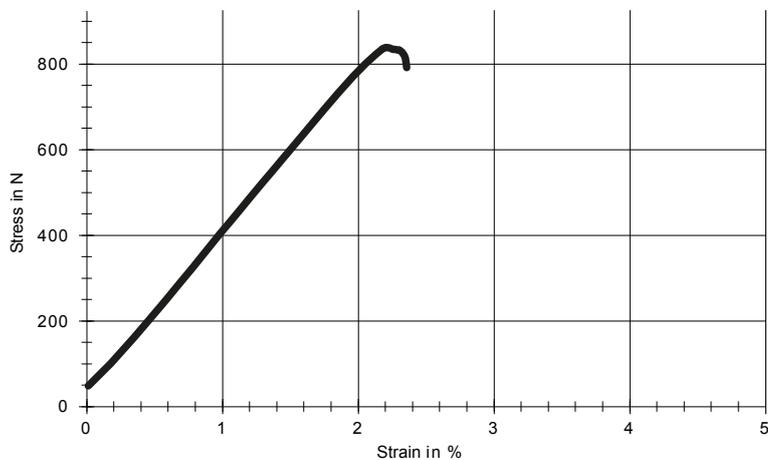
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Properties	Meter weight	Runnage	Break Strength	Elongation	E-modulus	LASE 0.3%	LASE 0.5%	LASE 1.0%	Absorption	Absorption
Unit	g/m	m/kg	N	%	GPa	N	N	N	g/m	g/g
WB 600 Tex										
Nom.	0.62	1613	430	2.1	80	75	115	215	4.0	7.0
Min.	0.58	1515	300	1.4	70	60	100	200	2.0	3.0
Max.	0.66	1724		2.8	90	90	130	230		
WB 735 Tex										
Nom.	0.75	1333	515	2.1	80	95	140	260	4.5	6.5
Min.	0.70	1250	360	1.4	70	80	125	245	2.0	3.0
Max.	0.80	1428		2.8	90	110	155	275		
WB 1200 Tex										
Nom.	1.23	813	680	2.1	80	150	225	420	5.0	4.0
Min.	1.14	757	470	1.4	70	145	205	380	2.0	2.0
Max.	1.32	878		2.8	90	165	245	460		
WB 2400 Tex										
Nom.	2.48	403	1720	2.1	80	265	400	765	5.5	2.5
Min.	2.31	377	1200	1.4	70	235	360	720	2.0	1.0
Max.	2.65	433		2.8	90	295	440	810		

Tensile strength: 1200 Tex (example)



High wear resistance in all friction points ensures minimal dust and downtime due to cleaning.