

Roblon Light-Flex

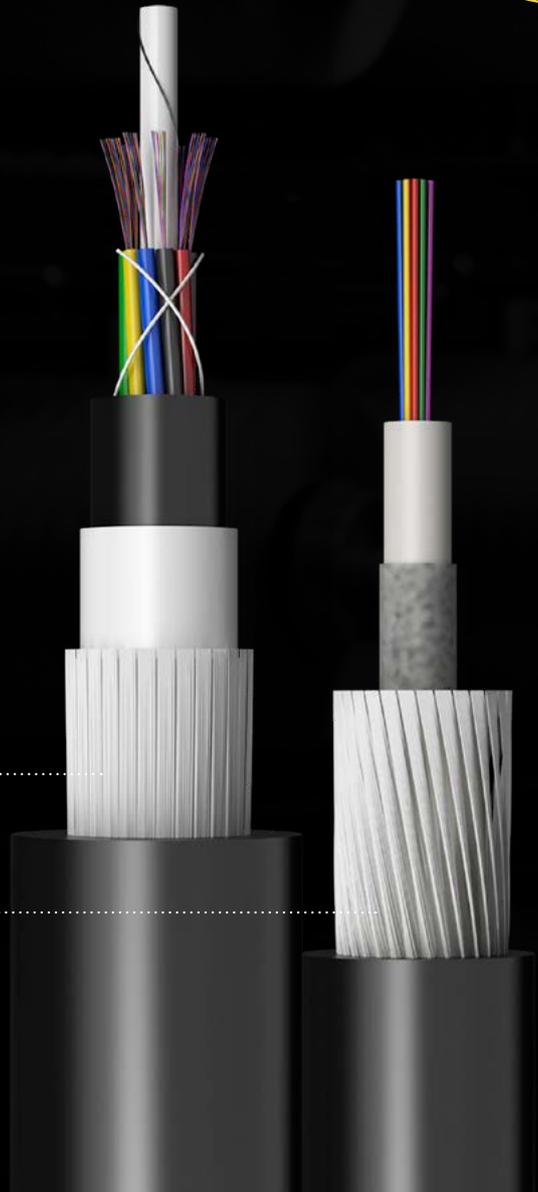
Flexible and wear resistant strength member from Roblon, to be used for reinforcement of optical fiber cables.

This impregnated glass yarn offers the optimal balance between a high-performance polymer-based coating, a low meter weight and high wear resistance.

The impregnation is soft and flexible, yet protecting the glass filament yarn inside from handling and processing damage. It has attracted very positive response from the market, and is an optimal solution for many optical fiber cable manufacturers around the world.

- Flexible due to low impregnation level
- Soft yet wear resistant
- Very smooth stranding process
- Optimal use in all Roblon servers
- Low meter weight and high runnage

Roblon Light-Flex
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FLEXIBLE



HIGH SPEED
>150RPM



LOW METER
WEIGHT



WEAR
RESISTANT



SMOOTH
NO DUST



14.02.2024

Roblon

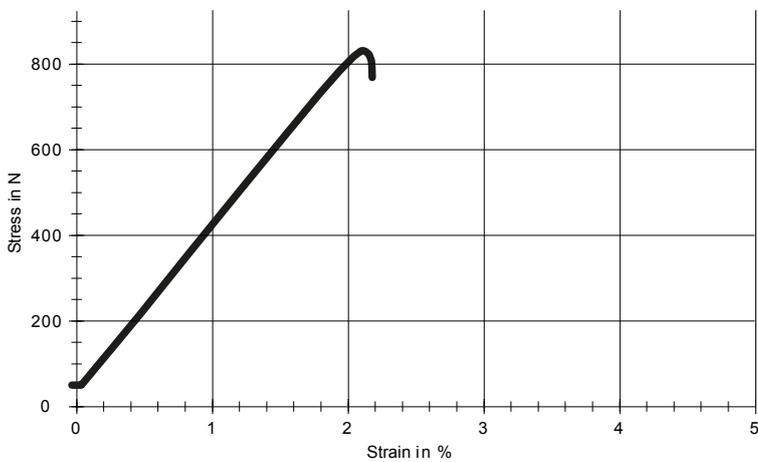
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Properties	Meter weight	Runnage	Break Strength	Elongation	E-modulus	LASE 0.3%	LASE 0.5%	LASE 1.0%
Unit	g/m	m/kg	N	%	GPa	N	N	N
600 Tex								
Nom.	0.61	1639	410	2.1	80	75	115	215
Min.	0.57	1532	280	1.4	70	60	100	200
Max.	0.65	1763		2.8	90	90	130	230
735 Tex								
Nom.	0.74	1351	485	2.1	80	95	140	260
Min.	0.69	1263	330	1.4	70	80	125	245
Max.	0.79	1453		2.8	90	110	155	275
1200 Tex								
Nom.	1.22	820	775	2.1	80	150	225	420
Min.	1.13	766	540	1.4	70	145	205	380
Max.	1.31	881		2.8	90	165	245	460
2400 Tex								
Nom.	2.46	407	1475	2.1	80	265	400	765
Min.	2.29	380	1030	1.4	70	235	360	720
Max.	2.63	437		2.8	90	295	440	810

Tensile strength: 1200 Tex (example)



Decades of experience has enabled Roblon to design optimally balanced spools with superior winding quality.