

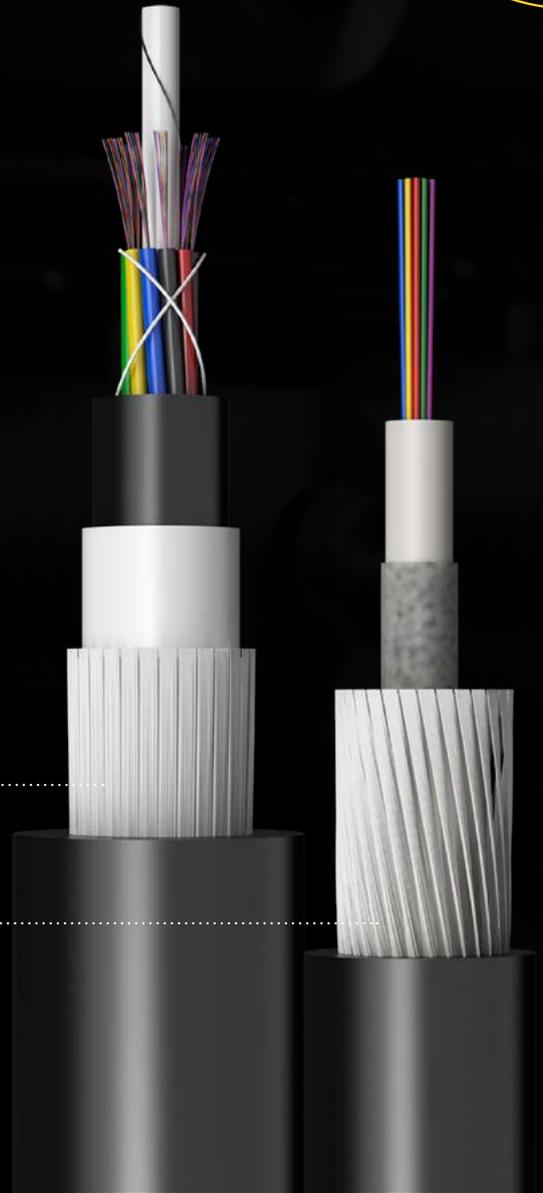
Roblon Composite Glass

Roblon Composite Glass is a hotmelt coated glass strength member ideal for buried and short-span aerial cables.

The Roblon Composite Glass is available in a number of unique versions for different applications. The hotmelt coating can be reactivated during the extrusion process, thus making the individual yarns bond together. The yarns would form a "tube" which completely surrounds and protects the cable centre. Because of this, the Roblon Composite Glass offers good protection against compressive stress.

Roblon offers different coating formulations that provide strong bonding to the cable jacket i.e. the force of the strength member is transferred to the jacketing material. This version is ideal for short-span aerial cables.

- Hotmelt encapsulated E-glass
- Fully impregnated strength member
- Very tough and wear resistant
- Extra adhesive version available
- Optimal use in Roblon standard servers



Roblon Composite Glass
Roblon Composite Glass



ADHESIVE /
BONDING TO
CABLE JACKET



AERIAL CABLE
SHORT SPAN



CAN BE
REACTIVATED
(HOTMELT/WB)



HIGH
COMPRESSIVE
STRENGTH



WEAR
RESISTANT



14.02.2024

Roblon

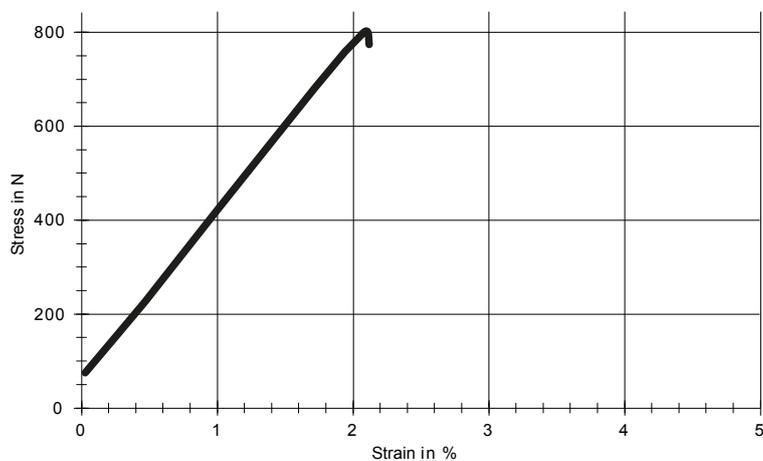
The data in this technical data sheet is provided for informational purpose only and does not constitute a specification. The latest update of the datasheet is always available on www.roblon.com

info@roblon.com

www.roblon.com

Properties	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.	0.80	1250	550	2.7	80	85	125	215
Min.	0.72	1136	385	1.7	70	70	110	190
Max.	0.88	1389		3.7	90	100	140	240
1200 Tex								
Nom.	1.50	667	960	2.7	80	165	235	410
Min.	1.35	606	670	1.7	70	150	220	370
Max.	1.65	741		3.7	90	180	250	450
1800 Tex								
Nom.	2.25	444	1375	2.7	75	240	340	590
Min.	2.03	404	960	1.7	65	225	310	540
Max.	2.48	494		3.7	85	255	370	640
2400 Tex								
Nom.	3.00	333	1775	2.7	75	315	440	770
Min.	2.70	303	1245	1.7	65	285	395	695
Max.	3.30	370		3.7	85	345	485	845

Tensile strength: 1200 Tex (example)



Fully impregnated strength member, applicable in almost any production process.