

Roblon Composite Aramid

Roblon Composite Aramid is a hotmelt coated aramid strength member, ideal for ADSS and special cables.

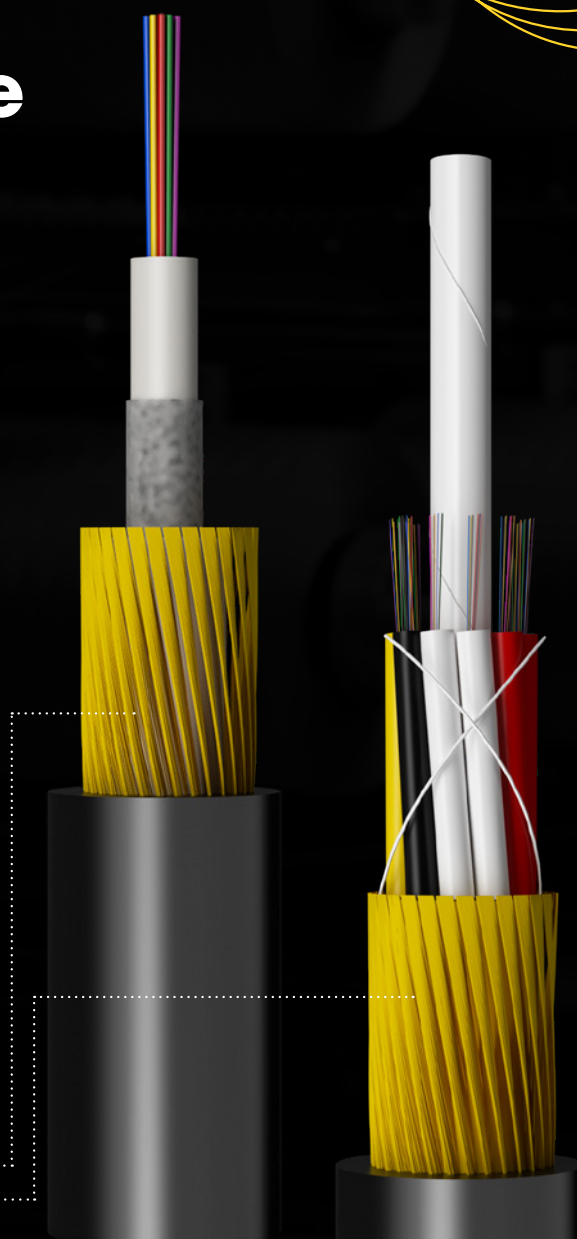
Roblon Composite Aramid offers excellent bonding to the cable jacket and thereby ensures that pulling forces are transferred from the strength member during installation.

The hotmelt coating can be reactivated during the extrusion process, which would make the individual yarns bond together. The yarns would form a "tube" which completely surrounds and protects the cable centre. When applied this way, the Roblon Composite Aramid offers good protection against compressive stress.

- Hotmelt encapsulated aramid
- Fully impregnated
- Ideal for aerial cables
- Extra adhesion properties
- Optimal use in Roblon standard servers



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ADHESIVE /
BONDING TO
CABLE JACKET



AERIAL CABLE
LONG SPAN



AERIAL CABLE
SHORT SPAN



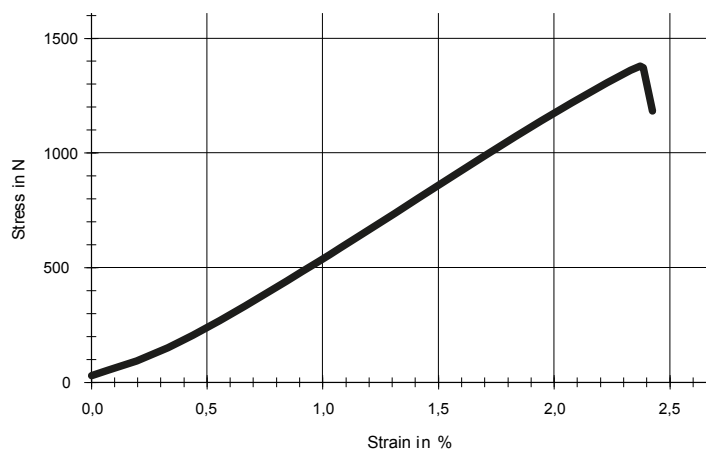
HIGH
COMPRESSIVE
STRENGTH



WEAR
RESISTANT

Properties	Meter weight	Runnage	Elongation	LASE 0.3%	LASE 0.5%	LASE 1.0%
Unit	g/m	m/kg	%	N	N	N
7900 dTex						
Nom.	1.22	820	2.2	155	260	560
Min.	1.10	911	1.7	55	110	400
Max.	1.34	745	2.7	255	410	720
12640 dTex						
Nom.	1.93	518	2.2	450	630	1100
Min.	1.74	576	1.7	350	480	940
Max.	2.12	471	2.7	550	780	1260
15800 dTex						
Nom.	2.47	405	2.2	600	850	1470
Min.	2.22	450	1.7	500	700	1310
Max.	2.72	368	2.7	700	1000	1630

Tensile strength: 7900 dTex (example)



The hotmelt impregnation of the aramid ensures a flat shape and a strong adhesive bonding to the cable jacket.