

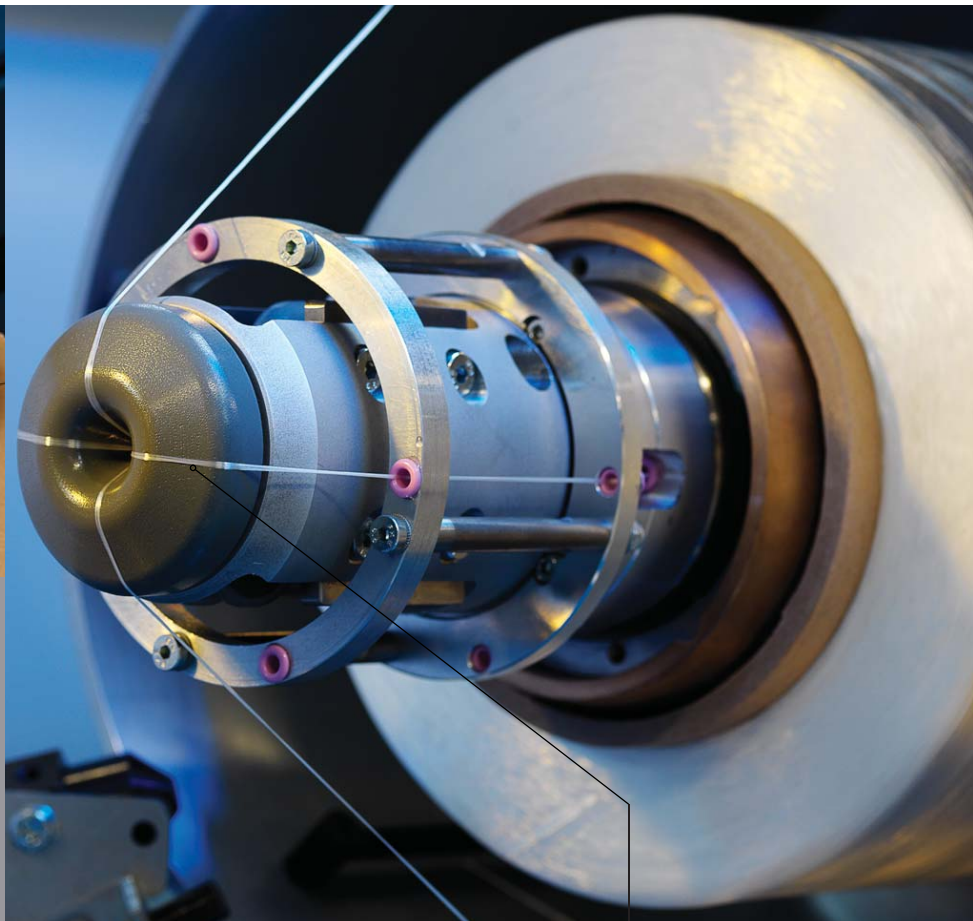
Roblon Binder Yarn

PREVIOUSLY KNOWN AS 'ROBLON POLYESTER BINDER YARN'

Roblon Binder Yarn is available in Low Shrinkage and Ultra Low Shrinkage versions and used for high-speed binding of SZ-stranded optical fibres and tapes.



Very high spool quality enables yarn package to withstand rotational speeds exceeding 4000 rpm.



- > High grade polyester
- > Spool may exceed 4000 rpm
- > Dual-end versions available
- > Ultra low shrinkage version available
- > Optimal use in Roblon concentric binders

Optical fibre cable designs are becoming more and more compact and, therefore, low shrinkage binder yarn now forms part of Roblon's standard range. Further, Roblon is the first to market the ultra low shrinkage polyester binder yarn. Roblon Binder yarn is made of high grade polyester which ensures the constant elongation properties required for precise tension control during production. It can also be supplied as dual-end version, i.e. two parallel yarns are pulled off at the same time. This increases the line speed by up to 50%.

Using dual-end yarn can increase the line speed significantly and reduce the binding tension.

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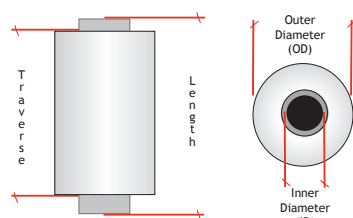
Property	unit	test method	1100 dtex LS	1670 dtex LS	2200 dtex LS	1100 dtex ULS*	2200 dtex ULS*
Metre weight	g/m	ASTM D 885	0.110	0.167	0.220	0.110	0.220
Runnage	m/kg	ASTM D 885	9000	6000	4500	9000	4500
Breaking strength	N	ASTM D 885	65	100	135	75	150
Elongation at break	%	ASTM D 885	20	20	20	23	23
Shrinkage at 190C x 15min	%	Roblon method	4.0	4.0	4.0	0.6	0.6
Shrinkage at 150C x 15min	%	Roblon method	2.0	2.0	2.0	0.25	0.25

(* new product, October 2009)

Standard spool specifications	unit	tolerance	90x210 spools	107x210 spools	127x210 spools
Inner diameter	mm	0.2 mm	90.3	107	127
Length	mm	0.2 mm	210	210	210
Traverse	mm	0.1 mm	200	200	200

Standard packing information	unit	100x100 pallets
Spools per box	spools	4
Spools per pallet	spools	48 or 64
Pallet length	cm	100
Pallet width	cm	100
Pallet height	cm	86 or 108

Spool specifications



Packing information

