

PRODUCT GUIDE: SINGLE END CORD

MANY SOLUTIONS FROM A SINGLE SOURCE





SINGLE END CORD: MANY SOLUTIONS FROM A SINGLE SOURCE

Single end cord is the latest addition to our portfolio of RFL* treated products. Similar in performance to our RFL-treated fabrics, soft single end cords can be customized and produced from a variety of organic fibers including DSP® fiber, nylon, Beltec® fiber, PenTec® fiber, and aramid. Hybrid constructions can be created to meet the most unique design applications.

Applications include:

carcass reinforcement in high performance passenger tires for automated tire building processes; overlay (cap ply) in high performance tires; automotive hoses for air conditioning, power steering, and braking systems; industrial hoses and rubber belts; and air springs.

FEATURES AND BENEFITS:

- High dimensional stability and metered length for use as carcass reinforcement in automated high performance tire building processes and also as overlay reinforcement for stable, high speed tire operation
- Good adhesion with uniform modulus and shrinkage to meet demanding pressure and temperature requirements of automotive hose applications
- High dynamic strength and durability for industrial belting, helping to provide consistent belt tension along with flexibility and smooth, quiet operation
- Variety of customized cord constructions available using various yarns in different package sizes

* Resorcinol Formaldehyde Latex

(architectural design)

(commercial&industrial)

(energy)

(environment)

(lifestyle&leisure)

(safety&security)

(transportation)

(fiber and fabric for your most demanding and delicate applications)

PRODUCT GUIDE

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 Malaysia: +60 32 175 0008
 India: +91 981 009 6182
 Mexico: +52 442 211 3046

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Single End Cord																
Product	Features/ Benefits	North America	Europe	Asia	Denier	Dtex	Breaking Strength			Elongation @ 45N (10 LBS)	Elongation @ 67N (15 LBS)	Elongation @ break	Free Shrinkage 177°C-0.01gpd-2min	Thermal Shrinkage 177°C-0.05gpd-2min	DPU	Twist
							(lbs)	(kg)	(N)							
1X50 - 1100/2	Polyester SEC			X	2300				145	4.5		14.5	2.5	1.7	3.5	47.0
1X50 - 1440/2	Polyester SEC			X	3000				190	5.0		14.5	2.6	1.7	3.5	39.0
1X50 - 1670/2	Polyester SEC			X	3500				215		4.5	14.5	2.7	1.8	3.5	34.0

The Single End Cord (SEC) products listed here represent a basic offering of this broad product line. Performance Fibers offers a wide range of customizable product solutions in SEC that can meet many demanding specifications and applications. Please contact us to discuss how we can meet your needs.

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OUR EXTENDED FAMILY OF PRODUCTS



automotive safety
coated fibers & fabrics
engineered reinforcements
geotextile & geogrid
narrow fabrics
offshore mooring
rope & cordage
sewing thread
single end cord
tire reinforcements
treated fabrics

specialty yarns:
multiplex
nylon 6
PBT
PEEK

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