

COATS
protos ripcord



CONTINUOUS
FILAMENT
PARA-ARAMID

Coats® Protos™ Ripcord

Coats Protos Ripcord is a continuous filament, twisted, para-aramid yarn designed specifically for cable ripcord applications. The unique protective film coating is highly abrasion resistant and proven to help reduce ripcord size, especially in armoured cable applications.

Protos Ripcord is produced using the latest twisting technology, which is a highly controlled twisting process that ensures optimal ripcord performance.

WHY CHOOSE PROTOS RIPCORD?

- Superior ripping action due to unique product design with a special protective film coating highly abrasion resistant
- Specialised packages (tubes, cones, spools, measured length or weight)
- Package stability adjustments based on pay-off requirement
- Ability to design tack, wind ratio, and density to satisfy unique needs
- Yield advantage and cost efficiency
- All sizes available in multiple colours (Aramid Yellow, Red, Orange, Blue, Green)

MAIN USES

- Ripping of steel or aluminum armored cables
- Can be used for non-armored cable
- Loose tube, ribbon, central tube or buffered cable



Coats Protos Ripcord

PRODUCT RANGE

Product	Weight	Runnage	Tensile Strength	Elongation at Break	Diameter
	g/m	m/kg	N	%	
1000 / 3	0.345	2898.55	595.00	3.45	0.80
1500	0.172	5813.95	350.00	3.10	0.40
1500 / 2	0.350	2857.14	645.00	2.95	0.90
1500 / 3	0.520	1923.08	1050.00	4.10	1.20
800 / 6	0.570	1754.39	1225.00	3.50	1.00

Many other PLY combinations and special coatings available

Test-speed: 100mm/min - Pre-tension: 0,020 N/Text - Mechanical properties are determined at twisted yarn.

THERMAL PROPERTIES

Para-aramid fibres stronger than steel

Permanently flame retardant up to 425°C

Self-extinguishing and does not melt or drip

CHEMICAL PROPERTIES

Chemicals:	Excellent resistance
Organic solvents:	Excellent resistance
Alkalis:	Good resistance
Mineral acids:	Average resistance
Bleaching:	Low resistance
Sunlight (degradation):	Low resistance

PACKAGING

A variety of packaging options are available. Standard packaging is listed below. Alternative packaging available.

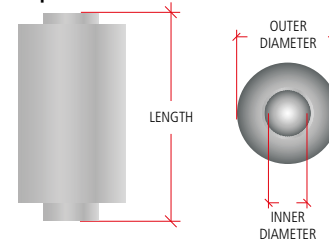
Standard Spool Specifications	Unit	Option A	Option B	Option C
Inner Diameter	mm	94	94	127
Length	mm	216	285	215

PACKAGE OPTIONS

Standard KM per spool are available for all tube options

Alternative lengths are available

Spool Specifications



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EXPERT REAL WORLD SUPPORT

The final cost of any thread also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



Training and Presentations

From yarn selection to stitch formation, the use of colour to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.

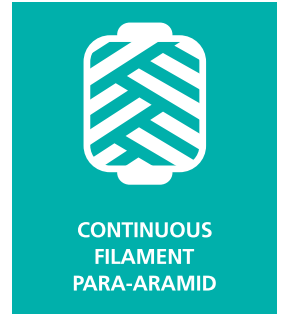


Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technical bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit www.coats.com/protos-ripcord



Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure themselves that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products. Information provided is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided. Product information sheets are updated for time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us. © Copyright reserved 2021