

Coats® Protos™ Binder

Coats Protos Binder is a package of multi-filament para-aramid yarns that is used as a binder in loose tube designs requiring extra low shrink binders. Coats Protos Binder is also very light, requires less ends, and can be stranded in multiple directions.

COATS
protos binder



MULTI-FILAMENT
PARA-ARAMID

WHY CHOOSE PROTOS BINDER?

- Coats is always open to feedback from customers and ready to deliver a solution that satisfies all of your needs. We do this by providing:
 - Inventory control and schedule assistance.
 - Package specialization (tubes, cones, spools, lengths, weights, etc.).
 - Package stability adjustments based on pay-off requirements (tack, wind ratio, density, etc.).
 - Cost efficiencies.

MAIN USES:

- Binders for loose tube telecommunication cables to prevent damage to loose tubes
- Ideal for dual end binders for optimum binder speeds (up to 120m/min)



Coats Protos Binder

PRODUCT RANGE

Product	Weight	Yield	Tensile Strength	Lase 0.30%	Lase 0.50%	Lase 1.00%	Young Modulus	Elongation at Break
	g/m	m/kg	N	N	N	N	GPa	%
600	0.067	14,925.37	150.00	14.00	23.00	43.00	100.00	2.75
756	0.084	11,904.76	165.00	13.00	22.00	38.00	90.00	2.75
1000	0.110	9,009.91	230.00	25.00	40.00	80.00	90.00	2.75
1500	0.170	5,882.00	300.00	35.00	60.00	11.00	90.00	2.75

More products and different properties available upon request.

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



Coats Protos Binder

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.

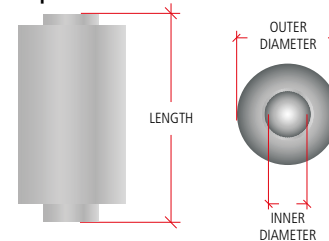
Standard Spool Specifications	Unit	Option A	Option B	Option C
Inner Diameter	mm	128	94	127
Length	mm	216	285	215

PACKAGE OPTIONS

Standard KM per spool are available for all tube options. Alternative lengths are available upon request.



Spool Specifications



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 2020



Coats Protos Binder

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-binder

