



ARAMID STRENGTH MEMBER

Coats[®] Protos[™] STM

Coats Protos STM is a high modulus aramid for use as a strength member in telecommunication cables.

Protos STM offers some of the lowest dusting and shedding in the fibre optic industry. This helps reduce machine downtime and improves cleanliness and safety during cable manufacture.

WHY CHOOSE PROTOS STM?

- High modulus and high tensile strength
- Available with protective coating to enhance its strength properties and abrasion resistance
- Cost efficiencies and custom-made design capability available
- Coats Protos STM is available in specialised weights, lengths and formats (tubes, cones, spools) on request

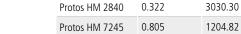
MAIN USES:

- General purpose flexible strength member for any application needing high tensile strength
- Cable industry
- For use in loose tube, ribbon, central tube, or tight buffer cable
- Used in both armoured and unarmoured optical cable



COATS protos stm





PRODUCT RANGE

Product

Protos HM 1500

More products and different properties available upon request.

Weight

g/m

0.167

oats Protos S

Yield

m/kg

5882.35

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

Tensile

Ν

265.00

510.00

1300.00

Strength

Lase

Ν

37.00

77.00

197.00

0.30%

Lase

Ν

62.00

127.00

327.00

0.50%

Young

GPa

115.00

115.00

115.00

Modulus

Lase

Ν

1.00%

122.00

242.00

632.00

Elongation

at Break

%

2.10

2.10

2.10



COATS protos stm





Coats Protos STM

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.



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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-stm**





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