

COATS
helios c



STEEL CORE WITH
FLAME RETARDANT
COTTON

Coats® Helios™ C

Coats Helios C is a high performance sewing thread made from a steel core (steel class 1.4301 or AISI 304) with 8 to 10 steel wires wrapped with a flame retardant cotton cover. Coats Helios C can resist temperatures of approximately 500 - 600°C without any mechanical strain and approximately 300°C under mechanical strain. The cotton cover will turn brown at temperatures between 180 - 220°C and will completely carbonise at higher temperatures.

WHY CHOOSE HELIOS C?

- Coats Helios C can resist temperatures of approximately 500 - 600°C without any mechanical strain and approximately 300°C under mechanical strain. The cotton cover will turn brown at temperatures between 180 - 220°C and will completely carbonise at higher temperatures
- Coats Helios C provides good sewing performance

MAIN USES

- Welding blankets and curtains
- Fire curtains
- Insulation jackets
- Thermal covers
- Heat and flame protective carpets, mats and tarpaulins
- Firefighter uniforms
- Fire separation blankets
- Flame retardant protective clothing



Coats Helios C

EXPERT REAL WORLD SUPPORT

The final cost of any product 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.



Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



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 product 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.



Embroidery Service Centre

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.

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/helios-c

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 2022

OTHER PRODUCTS IN THE HELIOS RANGE

To complement the Helios range, we also have a selection of specialist Helios threads. Each of these combines the superior properties of the Helios product with additional benefits specific to the end use.

| Product Name | Description |
|--------------|---|
| Helios K | With a steel core that can withstand temperatures up to 1000°C (or up to 300°C under stress), Helios K is an excellent choice for fire safety products. |
| Helios P | The strongest PTFE thread on the market, offering superior chemical, heat and UV-resistance for products exposed to harsh weather conditions. |

Special use Helios products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.



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