



Product Sheet

Madeira Polyneon FR

Category: Embroidery thread

Madeira Polyneon FR – Flame-retardant embroidery thread for safety-rated textiles

Are you looking for an embroidery thread that combines high quality with flame-retardant properties? Then Madeira Polyneon FR is the obvious choice.

- Flame-retardant polyester thread for demanding environments
- High durability and good colour fastness
- Perfect for workwear, uniforms and technical textiles

Product description

Flame-retardant embroidery without compromising on quality

Madeira Polyneon FR is a flame-retardant embroidery thread developed for textiles where fire protection is a key feature of the end product. The thread combines professional embroidery quality with excellent machine performance and is designed for use on industrial embroidery machines. Unlike standard threads, Polyneon FR has been developed for applications where the embroidery needs to contribute to the product's flame-retardant properties whilst maintaining colour, detail and durability.

For work environments with high safety requirements

Polyneon FR is often used on workwear, uniforms and technical textiles where flame retardancy is a requirement. The thread is particularly well suited to logos, names, markings and decorative details on garments used in demanding working environments. It also offers more colour options than many traditional flame-retardant solutions, making it easier to create embroidery that matches the company's corporate identity.

Perfect for:

- Workwear
- Uniforms
- Construction and industrial clothing
- Service and professional wear
- Curtains and interior textiles
- Vehicle and transport interiors
- Technical textiles
- Flame-retardant logos and markings

High quality for professional production

Polyneon FR has been developed for professional embroidery production and delivers even stitches and high production reliability. The thread is an excellent choice when flame retardancy is required but a traditional aramid thread is not necessary. For best results on flame-retardant garments, it is recommended that the bobbin thread and backing are also adapted to the safety requirements of the application. With Polyneon FR, you get a flame-retardant embroidery thread that combines safety, functionality and professional embroidery quality. The thread is available in size 40 on 2,500 m spools.