

POLY FIRE

Flame-Retardent Polyester Thread



When it gets really hot ...

... clothing must be made of flame retardant materials. This applies not only to the garment fabric, but also to the embroidered logos, badges or nameplates. This is guaranteed by embroidering with POLY FIRE: in the spinning process, an additive is added to the fibre of the polyester thread to make it flame-retardant.

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POLY FIRE

Processing Recommendations:



- ◆ **Needle:**
Universal needle ORGAN No. 75/11 SES recommended.
- ◆ **Bobbin thread:**
Poly Fire should be used as bobbin thread.
- ◆ In order to ensure the flame retardant effect both on the inside of garments and on the outside, do not use any embroidery nonwoven.
- ◆ POLY FIRE loses its flame retardant effect neither through sewing and embroidering nor through wearing and washing.

- ◆ **Important:**
Flame-retardant tests should be conducted only on completely finished, embroidered work pieces, i.e. both the base fabric and the embroidery thread must have undergone a flame retardant treatment in order to achieve an overall flame-retardant effect.

Care Instructions:



Technical Information:



- ◆ **Upper thread**
- ◆ **tested according to:**
 - DIN EN ISO 14116:2015-11, section 6.1
Test according to EN ISO 15025:2017
 - index 1 - before laundry
 - index 3 - after laundryPOLY FIRE is treated with a lubricant (avivage), ensuring better processing on the machine.

Explanation of the indices:
With lubricant, the thread reaches index 1, washed after embroidery Index 3

- ◆ **Material composition:**
100% Polyester
- ◆ **Size 40:**
Nm 80/2; dtex 125*2
- ◆ **Minimum order:**
1 Miniking Cone of 1.000 m



Range of colours:

Discover the 27 colours marked with a red dot in the POLY 40 colour chart:
- interactive at www.gunold.de
- real thread colour card



Especially for patterning:

- the 27 most important colours on Miniking cones in a drawer box made of cardboard



POLY FIRE is ideal for sewing and embroidering on flame-retardant finished textiles such as lab coats, aircraft seats, mats, curtains, etc.

< For better differentiation: POLY FIRE is wound onto red cones

Professional materials for high-quality embroidery results – tried and tested in the clothing, promotion and home textile industries. For more information visit our website www.gunold.de!

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