

◆ Upper Threads

POLY FIRE

Flame-Resistant Polyester Embroidery Thread



When It Gets Really Hot...

... workwear has to be made of flame-resistant materials. That's not only important for a garment's fabrics, but also for embroidered logos, designs and letterings. POLY FIRE will make these embroideries safe: during the spinning process, a special coating is applied to the polyester fibre, preventing the thread from catching fire easily.

Neither the embroidery process nor wearing or washing will reduce the flame-resistant property of POLY FIRE. Ideal for embroideries on laboratory coats, seats in airplanes, car mats, curtains and other textiles that have to meet the requirements of flame-protection.

GUNOLD[®]



Flame-Resistant

POLY FIRE

Processing Recommendations:

- ◆ **Needle:**
Use universal needle ORGAN No. 75/11 SES.
- ◆ **Bobbin Thread:**
POLY FIRE should also be used as bobbin thread.
- ◆ To ensure a flame-resistant effect also on the inside of garment fabrics, do not use non-wovens as embroidery backing.

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

Care Instructions:



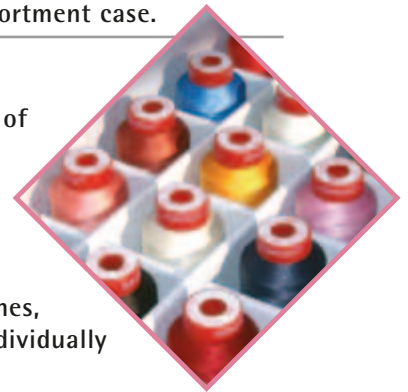
Technical Information:

- ◆ **Upper thread for flame-resistant embroideries**
- ◆ **Tested according to**
EN ISO 15025/EN 533 Index 3
EN ISO 6941
- ◆ **Material:** 100 % polyester
- ◆ **Strength:** Nm 77/2; dtex 128/2
- ◆ **Colour range:**
27 colours that are specially marked in the standard »POLY« shade card.
- ◆ **With Oeko-Tex Certificate:**
Tested for harmful substances.



- ◆ **Special sample kits:**
 - 1 cone each of all 27 colours available in a handy assortment case.

- ◆ **Make-up:**
Mini-king cones of 1000 m each
- ◆ **Dispatch and packing size:**
Carton with 10 Mini-king cones, also available individually



Product Range – Upper Threads

SULKY®	Viscose thread made of 100% ENKA® viscose, with a silky smooth shine, available in more than 300 colours!
SILK	Luxurious silk embroidery thread made of 100% pure silk.
METY	Metal-coated yarn for glamorous, shiny effects.
GLITTER	Glittery foil yarn for shiny and metallic effects.
POLY 40	Extremely durable yarn made of 100% polyester, highly tear and rub resistant, plus colourfast to chlorine – ideal for working clothes and all heavily-strained items.
POLY 60	Finest yet durable embroidery thread made of 100% polyester, ideal for small scripts and intricate details, colourfast to chlorine – the right choice for company uniforms or work clothes that are subject to tough industrial conditions.
POLY FIRE	Flame-resistant polyester thread for workwear that is exposed to severe heat and fire.
COTTY	100% cotton – available in different strengths. Perfect for giving your projects the typical needlework touch!
FILAINE	Embroidery thread made of 100% acrylic, but with a higher degree of tear and rub resistance than wool embroidery threads. Looks like »handstitched«!
MONO	The »transparent« monofilament thread made of 100% polyester – for transparent embroideries and for attaching sequins and ribbons.
SOLAR	Colour-changing polyester yarn: The white yarn changes colour into one of 7 different tones available in natural or artificial UV light.
GLOWY	Thread made of 100% polyester that glows in the dark. The thread absorbs natural or artificial light making it fluorescent in the dark – the well-known disco effect!
FLUOR	Thread made of 100% polypropylen that absorbs natural or artificial light, with a yellow-green fluorescence in the dark.

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!

Distributed by:

GUNOLD®

