

# SULKY® – the viscose embroidery yarn of outstanding quality



*GUNOLD is authorized to advertise their thread with the ENKA gold label on their packing – only SULKY is made of 100% ENKA viscose in all colours*

## THE GLAMOUR OF TRUTH All SULKY® colours are made of 100% ENKA viscose

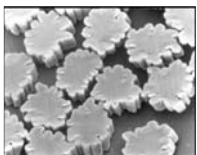
Artificial silk, which is well known as viscose, has outstanding inherent properties and is therefore very similar to silk. Since 1908, ENKA's plant, located in Obernburg, Germany, has been manufacturing the worldwide known ENKA viscose according to a process developed in England. GUNOLD GmbH, Stockstadt, Germany, has been the leader in quality viscose embroidery thread since 1966. GUNOLD is the only embroidery thread manufacturer in the world whose embroidery threads are entirely made of 100% ENKA viscose in all colours and counts. Therefore, SULKY® has been awarded the prestigious ENKA gold label!

## SULKY®

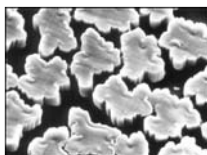
### The world's best viscose embroidery thread

#### Laboratory tests prove the high quality of ENKA viscose

Cross-sectional enlarged photos of viscose filaments prove that ENKA viscose is the foundation of the world's best viscose embroidery thread. ENKA viscose has regular, tooth-shaped or lapped cross-sections that are always the same size. Conversely, a "no name" viscose shows different shapes of filaments with strongly jagged outlines. Even filaments are the most important quality criteria for the refraction of light, cleanness of the thread, consistent tensile strength, and evenness of dyeing. This excellent refraction of light and cleanness of the thread make the SULKY® even more brilliant and shiny.



*Cross-section of SULKY made of 100% ENKA viscose*



*Cross-section of a "no name" viscose from Asia*

## SULKY® OFFERS SIGNIFICANT ADVANTAGES!

### Quality in every respect!

This is proven by the embroidery result to the embroiderer's and his customers' delight.

Enka viscose has always been one of the decisively important factors for the excellent quality of SULKY®. Laboratory tests show that all the other embroidery yarn suppliers mix cheaper viscose of lower quality in their embroidery yarns, at least with some colours within their range of colours. When using SULKY® thread on embroidery machines, embroiderers value the fact that GUNOLD always uses 100% ENKA viscose for all SULKY® colours. There is no difference in quality from one colour to the next. When reordering a colour, the embroiderer can be assured of getting the same colour time and again.

Regarding resistance to tearing or abrasion, there is nothing better. This also applies to the



*SULKY viscose at stress-elongation test: high tensile*



*"No name" viscose at stress-elongation test: different lengths prove the lower tensile strength*

low level of lint, the consistent evenness, and low frequency of breaking. SULKY® breaks less frequently with increased sewing speed than a "no name" viscose and SULKY® also "forgives" wrong thread tension.

SULKY® guarantees consistent and perfect embroidery from the first to the last stitch. This creates yet another advantage - the embroidery design does not lose anything when put under high stress, resulting in a long-lasting, unique, and excellent work of art.

SULKY® made of 100% ENKA viscose assures the embroiderer the highest quality and efficiency possible.

## SULKY® IS AVAILABLE IN 390 COLOURS New extensive colour card

SULKY® is introducing 32 new colours bringing the total available colours to 390. Most important is that the thread colour showing on the colour card is identical to the thread delivered. This critical consistency is clearly the result of two factors: first, the ENKA viscose; and second, the fact that GUNOLD has invested in innovative and state-of-the-art manufacturing processes as they dye and twist SULKY® thread at one of the most modern factories in Europe.



SULKY-colour card ... embroidered with SULKY

Owing to its refraction of light and the absolute cleanness of the thread, SULKY® is exceptionally brilliant and shiny - a genuine worthy medium for the ENKA gold label!

## VISCOSE IS A NATURAL PRODUCT

### The manufacturing process of ENKA viscose

The source material for manufacturing cellulose is wood. It takes about 20 years before a single tree matures to meet the high ENKA quality requirements. Long-chain cellulose molecules are the best basis for further processing of cellulose to viscose. For manufacturing viscose, the solid pulp is first converted into liquid during a chemical conversion process. With the help of the finest spinnerets, this so-called spinning solution is continuously spun into an endless thread, the viscose filament thread, which results in an unmatched silky shine, smoothness and softness.



*Viscose is a natural product*



Founded in 1972, GUNOLD GmbH, located in Stockstadt, Germany, has taken a key position in the embroidery industry offering an extensive range of embroidery materials. Being a world-wide reliable partner for all those who are in the embroidery business, GUNOLD constantly extends their range of products and always adjusts to the latest state-of-the-art production methodologies. Their top mandate is to steadily increase productivity in the embroidery industry. With Christoph Gunold as president, GUNOLD GmbH is already in its third generation of a successfully family-owned enterprise. Due to their association with Beerli AG, based in the Switzerland and Austria, production and sales go hand-in-hand. Gunold has subsidiaries and distributors world-wide. Please visit their website at: [www.gunold.de](http://www.gunold.de)