

## Needles for avoiding needle and eye smearing

### Sewing problem:

Complete needle and eye smearing by materials with low softening points/melting points

### Effect:

- Thread breakage
- Skipped stitches
- Untidy seam



### Cause:

High sewing speeds/high friction heat the needle. With materials with a low softening point/melting point, melt residues occur which stick to the needle.



Melted stitch hole:

Materials with a low softening point/ melting point:

Man-made materials

Materials with a high man-made fibre content

Materials with special finishing

(e.g. colour, modifications of textile threads or surfaces as regards wear and care properties)

### Product:

SCHMETZ Blukold needles

Demands: Little or no adhesion of melt residues on the needle

Special needle with roughened, phosphorated surface and subsequent Teflon coating. Melt residues do not stick to this coating at all, or only much later than on chromium-plated needles, for example. The needle remains clean for longer – skipped stitches and thread breakage are avoided.

### Applications:

- Man-made materials
- Materials with a high man-made fibre content
- Materials with special finishing

### Schmetz tip:

Please run-in the needle for about 50 cm before finally using it on light-coloured materials, so that the slight amount of Teflon abraded does not impair the quality of the end product.

Colour changes on the needle during use do not affect the functionality and serviceability of the needle.