

**SAURER.**



# The benchmark.

Temco Texturing Discs



## Texturing discs

**Saurer has been committed to the development of Temco Texturing Units and Discs for over 30 years. PU raw material and production methods are selected to provide highest wear resistance and unsurpassed resistance against spinline. Due to the long service life of our discs, customers experience excellent economics.**

### **Customer benefits**

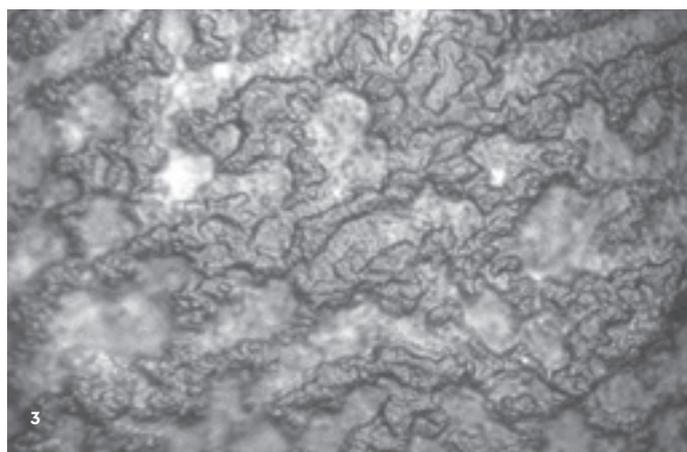
The depth of experience gained in this process has enabled us to meet the ever increasing demands in:

- Yarn quality
- Production speed
- Process flexibility
- Process economics

### **Area of application**

In texturing, friction discs are the key component for a successful and profitable yarn production. Through the development of PU material, the optimization of threadpath geometry and adherence to tight manufacturing and quality control tolerances, Saurer has indeed set world standards with Temco Texturing Discs. As a result at high texturing speeds, the highest quality demands can be met for textured yarns:

- Twist level and stability
- Yarn tensile performance
- Yarn bulk and elasticity
- Low process and machine CV



### Expertise

As pacemaker in the development of PU texturing discs we keep on setting new milestones in texturing disc technology. Our texturing experts are in close co-operation with universities and technology leaders in textile industry. In-house R&D facilities include texturing machines with different profiles and heater types and a complete textile laboratory. Saurer offers the most suitable friction discs with a range of thickness and diameters to satisfy all commonly used texturing units. Different shore hardness and shape can be selected to get the best results for the specific yarn range and processes of our customers. Customer satisfaction is our prime target. Our texturing experts will be pleased to offer you further advice, or run trials in our textile laboratories relating to customer specific applications.

### PU texturing discs

Ceramic discs always create some abrasion of the yarn surface. The result: Lower tenacity and elongation, more filament and yarnbreaks and contaminated machines. With increasing texturing speeds and finer filaments, the negative effect is getting more severe. PU discs are softer than the yarn, handle the yarn with care during the twist insertion process. Top yarn quality is based on a careful selection of PU material, disc geometry and surface structure. Numerous tests with stringent limits are keeping the texturing performance of our discs within narrow limits. Measuring of physical properties is followed by texturing tests with different yarn types. As result, our customers can rely on a top yarn quality that is uniform on all machine positions. Besides, texturing performance is kept constant for different PU lots.

1 Temco PU Texturing Disc 8.01.622F

2 PU texturing disc production

3 PU final surface

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