

protos steel

Article Description

protos steel is a high temperature resistant metallic sewing thread consisting of a special steel core (material number 1.4841) and a Kevlar fibre cover, which provides a good sewing performance.

Special Features

protos steel offers a particularly high level of heat and flame resistance. The steel core can withstand prolonged temperatures of approx. 1100°C without high strain and approx. 600°C with mechanical strain. (This information is supplied without liability). Due to its combination steel core / Kevlar fibre cover *protos steel* provides an excellent strength and dissipates static electricity.

Technical Details

Ticket-No.: 30
Tex-No.: 100
Count: approx. dtex 1,000 x 1 or approx. Nm 10/1
Strength: approx. 8,500 cN
Elongation: 4 - 6 %
Recommended Needle Size: Nm 120-130

Areas of Application

protos steel is a special thread for technical use in high temperatures such as steel, electrical and building industries. It is suitable for heat protection (against fire, radiation and contact heat), high temperature protective clothing, and for insulation and sealing in turbines, pumps and power stations. Furthermore *protos steel* is used in the manufacture of waste gas pipes: in the automotive and incineration industries, for anti-static applications; carpets, mats, tarpaulins, anti-static clothing.

Available make- ups

Art. No.: SZOK.000 – cones of 2,000 m