DARCO INDUSTRIES
Fire Protection & Insulation Solutions

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TECHNICAL DATA SHEET

Sewing Thread Style KEV/SS/THREAD/2
Description and Advantages

Darco style **KEV/SS/THREAD2** is a high performance sewing thread made from a special steel core with 8 steel wires wrapped with a para-aramid cover. It has been designed as a sewing thread for a broad range of technical textiles offering a superior level of temperature resistance. The special steel core can withstand temperatures of approximately 300ºC under mechanical strain and up to 500-600ºC without any mechanical strain. It also provides good sewing performance, and is manufactured by the largest global thread supplier.

Main Uses:

- Welding blankets and curtains
- Fire curtains
- Insulation jackets
- Thermal covers
- Heat and flame protective carpets, mats and tarpaulins
- Firefighter uniforms
- Flame retardant protective clothing

Technical Specification:

Material	62% stainless steel wire AISI 316 L, 38% TWARON
Construction	2100 Dtex
Spool	420 gr
Finish	none
Tensile strength	81 N
Torsion	Z350
Temperature resistance	500-600°C continuous temperature without mechanical stress, 300°C continuous temperature with mechanical stress
Needle Size	24

* Needle size recommendations are a guide only and ultimately depend on the sewing application.
Since conditions and applications vary considerably in the use of thread, the thread user should assure her or himself by preliminarily testing that the thread is suitable for the end use intended. Technical information listed above is based on current averages and should be taken only as indicative.

Additional Information:
Darco KEV/SS/THREAD/2 sewing thread is suitable for use in heat and fire fighters' protective clothing according to EN ISO 11612, EN ISO14116 and EN 469. They are not suitable for use in protective clothing for electricians and welders as the relatively low vertical resistance (< 105_) material cannot guarantee protection from the possibility of electrical shock by contact with live electric conductors