



Inconel Sewing Thread

TTN Inconel sewing thread with Ref. HT-AST100S4 is constructed with a special steel core and a para-aramid wrap, allowing it to offer a superior level of temperature resistance. The steel core can withstand temperatures of approximately 400°C mechanical strain and up to 1000°C without any mechanical strain.



TTN inconel sewing thread is suitable for a broad range of technical textile applications where it may be exposed to high temperatures. These applications include: welding blankets and curtains, insulation jackets, thermal covers, heat and flameprotective carpets, mats and tarpaulins as well as fire fighter uniforms and industrial heat and flame protective clothing.

Main uses:

- *Welding blankets and curtains*
- *Fire curtains*
- *Insulation jackets*
- *Thermal covers*
- *Heat and flame protective carpets, mats and tarpaulins*
- *Fire fighter uniforms*
- *Industrial heat and flame protective clothing*
- *Easily sewn and fabricated*
- *High strength and flexibility*

Features and benefits:

- *TTN inconel sewing thread offers a superior level of temperature resistance. The steel core can withstand temperatures of approximately 400°C under mechanical strain up to 1000°C without any mechanical strain.*
- *TTN inconel sewing thread provides good sewing performance.*

<i>Tex No.</i>	<i>Ticket No. (Nm)</i>	<i>SS Ply</i>	<i>Average strength (cN)</i>	<i>Average strength (grams)</i>	<i>Elongation% min-max</i>	<i>Recommended needle size(singer)</i>	<i>Recommended needle size(metric)</i>	<i>Metres per kilo (approx)</i>
90	30	1-10	8600	6118	6-10	21-23	130-160	7500



Taktaz
Insulation

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Physical and chemical properties of steel core with para-aramid wrap

Thermal properties:

The steel core can withstand temperatures of approximately 400°C under mechanical strain and up to 1000°C without any mechanical strain.

Additional information:

TTN inconel sewing thread are suitable for use in heat and fire fighters protective clothing according to EN ISO 14116 and EN 469. They are not suitable for use in protective clothing for electricians and welders as the relatively low vertical resistance material cannot guarantee protection from the possibility of electrical shock by contact with live electric conductors.

TTN