

FIRESTAR[®]

SPUN PARA - ARAMID

FIRESTAR is a 100% staple spun para-aramid sewing thread. It provides superior protection against heat and flame up to 425 °C.

It is an ideal sewing thread choice for the customers working in difficult and dangerous conditions.

BASIC USES:



Airbags



Mattress tape edge seam



Bullet proof vests





Flame and cut resistant industrial gloves



Military protective garments



The main reasons to prefer FIRESTAR

-  It has an extraordinary resistance against puncture and cut in protective clothing
-  Ideal for cut proof gloves, oven gloves and protective sleeves
-  Very low elongation (3-4%)
-  It has a worldwide known  certification, especially for the USA and Canada

Technical Specifications						
Ticket No. (Nm)	Tex No.	Ply	Average Strength		Elongation Min-Max %	Needle Size Metric
			cN	Gram		
35	80	4	5982	6100	2 - 5	110-130
50	60	3	4511	4600	2 - 5	100-120
70	40	2	2647	2700	2 - 5	90-100

* Needle size recommendations are a guide only and ultimately depend on the sewing application.

Fastness Features :

Wash fastness : ISO 105-C10 :2006 C(3) Grade 3
Rub fastness : ISO 105-X12 :2016 Grade 3

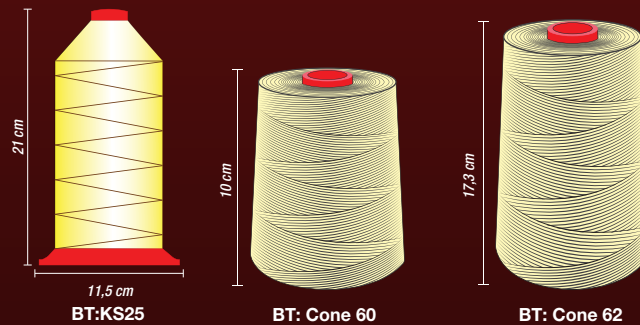
Thermal Features :

Decomposition temperature at approx 425°C
Does not melt or drip

Chemical Features :

Excellent resistance to oils and petro chemicals
Good abrasion resistance
Perfect chemical resistance

Thread Package (Make-up)



As the conditions and applications in the end-use of thread vary considerably, the user should carry out preliminary testing to ensure that the thread is suitable for the intended use. Özen İplik cannot be held responsible for the misuse of any of the above products. All information contained in this sheet should be taken only as indicative. Please ensure that you are using the most recent publication.