FLAMEFIL®

CONTINUOUS FILAMENT META-ARAMID



FLAMEFIL is a 100% continuous filament meta-aramid sewing thread. It provides superior protection against heat, flame and electric arc up to 370 °C. It is an ideal sewing thread choice for the customers working in difficult and dangerous conditions.



BASIC USES:

- *Fire fighters protective clothing*
- *Home textiles such as flame retardant curtain and wall covering*
- *Flame retardant bedding products for hospital*
- *Welding blankets (to be used in power plants, paper mills, petroleum & petrochemical plants, iron and steel sector, automotive paint industry, cement plants, shipbuilding industry)*
- *Fire blankets*
- *Flame retardant protective clothing for emergency response applications*
- *Police and military protective wear*
- *Pilot suits*
- *Riot police*
- *Industrial workwear for welding, molten splash, oil and gas, utilities, electric arc and racing cars*

The main reasons to prefer FLAMEFIL

- *100% inherently fire retardant sewing thread*
- *Excellent heat and flame protection*
- *Does not melt or drip up to 370°C, then it carbonizes*
- *Highly resistant to wear and tear*
- *It has a worldwide known UL certification, especially for the USA and Canada*
- *Superior strength, durability and perfect seam appearance*

Technical Specifications						
Ticket No. (Nm)	Tex No.	Ply	Averange Strength		Elongation Min-Max %	Needle Size
			cN	Gram		Metric
20	135	6	5197	5300	18-28	130-140
30	90	4	3755	3830	18-28	110-130
40	70	3	2814	2870	18-28	100-120
60	45	2	1843	1880	18-28	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 4
Water fastness	:	ISO 105-E01 :2013	Grade 4
Rub fastness	:	ISO 105-X12 :2016	Grade 4

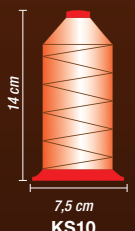
Thermal Features :

Decomposition temperature at approx 370°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)



KS10

ISO 14001 ISO 9001 ISO 45001

OEKO-TEX® STANDARD 100

As the conditions and applications in the end-use of thread vary considerably, the user should carry out preliminarily 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.

ÖZEN İPLİK®
SEWING THREAD MANUFACTURING

www.ozeniplik.com
info@ozeniplik.com

+90 212 689 69 00
+90 212 689 69 05

Osmangazi Mah. Yazgan Sokak
No:2 Esenyurt, ISTANBUL/TURKEY