

IKAR 75 - high quality thread made of para-aramid fibres Kevlar. The thread can withstand the temperature to 425 °C and doesn't destruct.

The thread doesn't melt, is self-extinguishing and its tensile strength is five times higher than steel thread. Thread **IKAR 75** needs to be protected from sunlight. After long-lasting UV radiation colour of the thread changes (darker), tensile strength decreases, heat resistance doesn't change.

All parameters of IKAR fulfill European standard EN 12590:1999 and the requirements of the safe product included in the legislation in force.

IKAR 75 is recommended for production of protective clothing for:

- fire brigade (overalls, gloves)
- police, army (for example bulletproof vests)
- steelworkers (overalls, gloves, masks)

and sewing some technical articles:

- fire blankets,
- firewalls,
- sealants,
- electrical insulation.

Technical data:		Average linear mass of the threads	Minimum average tensile strength		Softening point	Melting point	Make - up	Recommended needle size
Article	Dtex x ply		required by the Standard PN-EN 12590	guaranteed by „ARIADNA”				
	dtex	dtex	cN	cN	°C	°C	m	No.
IKAR 75	200 x 2	400	3 333	4 600	245	425	5 000	80 - 90

Make up: crosswound on cones.