



DELTA

POLYESTER/COTTON WITH IRR

Delta is a specialized thread with a continuous polyester core and a cotton covering, exhibiting IRR across the entire range of wavelengths $\lambda = 400-1100$ nm. It is being designed for various military products, like uniforms, backpacks, vests or suspenders.

The color of the thread is in accordance with CIELab color coordinates and IRR values specified in military documentations. We use modern spectrophotometer for color and IRR analysis which allows us to design a product that will fulfill all the strict requirements of various armies.



A wide range of beams and thicknesses will meet the needs of every industry branch. Please use the table below while selecting a thread:

ARTICLE	THREAD CONSTRUCTION	THE AVERAGE LINEAR MASS	MINIMUM AVERAGE TENSILE STRENGTH	STANDARD BEAMS	RECOMMENDED NEEDLES SIZE
DELTA 120	130 dtex x 2	29 tex	1050 cN	5 000	70-80
DELTA 80	200 dtex x 2	45 tex	1750 cN	5 000	80-90
DELTA 60	200 dtex x 3	60 tex	2800 cN	5 000	90-110
DELTA 36	280 dtex x 3	94 tex	3100 cN	3 000	140-160
DELTA 20	370 dtex x 3	105 tex	4500 cN	3 000	140-160

Main applications:

DELTA threads are primarily used in the production of military equipment such as uniforms, boots, containers, belts, and tents.

For the production of military supply items, we also recommend other threads such as Polico (polyester-cotton), Ester (polyester-polyester), and Arena (spun polyester).

All parameters of DELTA are up to the European standard EN 12590:2002 and all requirements for a safe product.



AMANDA [®] 35lat
FABRYKA NICI

Sewing Thread Factory AMANDA Ltd Łochowska 4, 66-100 Sulechów, Poland
Phone +48 68 385 07 16 • whatsapp +48 607 459 096 • Email: amanda@amanda.com.pl • www.amandanici.pl