

MISSION READY YARNS





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Through the careful selection of premium quality raw materials, we produce high performance yarns for personal protective clothing for military and other uses which protect from fire, cuts, weather conditions, electromagnetic waves and similar.







Litia has been a reliable supplier of yarns for a number of years. Tonnes of our yarns have successfully served numerous soldiers in drills and in action. We are aware that lives depend upon the materials that we supply, and we take our job seriously. We are continuously expanding upon our know - how in order to provide complete support throughout the process - from the research stage to the production of yarns. In cooperation with our partners, we can offer final products.



OUR COMPETENCE

Litia provides functionality combined with comfort and durability. The composition of its yarns is driven by costumer requirements as well as specific technical standards. In this way, different combinations, levels of functionality and comfort requirements can be achieved in order to ensure optimal performance.

YARNS FOR TOP-LAYER FABRICS

UNIFORMS

IR remission

Cotton / Polyester with regulated IR remission (grey, mint)

Polyester / Polyester with regulated IR remission

Abrasion resistant

Cotton/ Polyamide high tenacity Polyamide high tenacity/Cotton/Lyocell Cotton/Polyamide high tenacity/Elastolefin

Flame retardant

Viscose FR/ Meta-Aramid
Viscose FR/ Meta-Aramid/Para-Aramid
Viscose FR/ Para-Aramid/Polyamide 6.6

Meta-Aramid/ Antistatic

Meta-Aramid/Para-Aramid/Antistatic

YARNS FOR INNER LAYER FABRICS

UNDERWEAR, SOCKS

Soft and dry touch

Micro fibres (PES, PAN, PA, CLY, CMD)
Polyester multi-channel or hollow fibres
Thermo-regulating polyester

Flame retardant

Modacrylic/Cotton Modacrylic/Viscose FR Modacrylic/Viscose/Antistatic Viscose/Meta-Aramid

Antibacterial

Cotton/Acrylic antibacterial Cotton/Lyocell antibacterial

TOP QUALITY FINISHING

- HYDROPHOBIC

FLAME RETARDANCY

- WITH META ARAMIDS

- WITH PARA ARAMIDS

- 100% AND IN BLENDS

- WITH MODACRYLIC FIBRES

- OLEOPHOBIC
- ANTI-INSECT
- ANTI-SOILING

ABRASION RESISTANCE

COMFORT, DURABILITY, LIGHTWEIGHT STRENGTH

APPROPRIATE FOR ALL MODERN AND CONVENTIONAL CAMOUFLAGE PATTERNS

IR REMISSION

FOR NIGHT CAMOUFLAGE

ANTISTATIC PROPERTY