

ArchiChem®

FUNCTIONAL FABRICS



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ArchiChem®, innovative series of fabrics designed and produced by SÖKTAŞ. These articles have new technologies with architectural studies and chemical treatments that create contemporary, intelligent and user friendly fabrics.

BIOSHIELD™

SÖKTAŞ's unique formulation to help protect you from viruses and pathogens, for today and beyond. It is a combined and strengthened formula of antibacterial and antiviral silver molecules, enriched with the liquid repellent properties. Droplets of liquid, whether from environmental or human sources, cannot easily penetrate the garment. Bacteria and microbes are blocked from reproducing by silver ions disrupting their oxygen supply. This helps prevent infections and odours. BioShield™ will keep your clothes fresh, clean, and give you some peace of mind.

COOL-EX

Provides a special cooling effect. A special blend of plant extracts will react to the heat from the skin and will cool effectively. It will release body heat and give a refreshed sensation, perfect for hot summer days.

HOT-EX

Provides hot sensation through the use of a blend of plant and flower extracts. The heat improves body circulation and metabolism. Great for cold climates.

ANTIBACTERIAL SILVER+

SILVER+ utilizes the natural ability of silver to limit the growth of odour-causing bacteria and represents a new generation of antibacterial technology for textiles. It provides excellent antimicrobial activity, hygiene, protection, and freshness every day, even under extreme conditions. This product is EPA registered, complies with OEKO-TEX Standard 100 and is Bluesign approved. The effect stays active even after many wash cycles and dry cleaning.

WATER REPELLENT

This technology minimizes stains and offers superior liquid and oil repellence. Water repellent fabrics allow water and oil spills to easily bead and roll off the fabric without penetrating the fibres. This process is environmentally friendly and PFOA, PFOS, APEO-free. The fabric remains soft and breathable, and retains its colour better than before.

NON-IRON

Fabrics made with the Non-Iron finish have excellent performance. The unique liquid ammonia treatment followed by the continuous moist cure process allows for excellent wash and wear performance together with a high level wrinkle resistance, requiring no ironing. SÖKTAŞ Non-Iron fabrics enable your shirts to stay clean and crisp all day long through your hectic schedules.

FLAT

Flat is the general name for our wrinkle-free fabrics. The use of the MXL process is complemented by special finishes that SÖKTAŞ has developed for superior handle. These articles have better abrasion performance compared with traditional Non-Iron fabrics. These processes do not contain ammonia.

EASY CARE

Easy Care technology makes ironing easy and minimizes creases. It is time and energy saving as well as user friendly. The softness, absorbency and breathability properties of cotton fabrics are retained, while performance is significantly improved.

NEUTRALIZER

Neutralizer builds revolutionary odour control into each and every fiber. This advanced technology instantly eliminates odours on the clothes by intercepting odour molecules caused from perspiration and other external factors. Neutralizer allows the fabric to breathe normally and retain its natural softness and comfort while wearing. It does not use hard chemicals to kill bacteria: It neutralises the odour molecules themselves, making it more environmentally friendly.

AROMATIC, VITAMIN & WELLNESS CAPSULES

Aroma wellness reinforces harmony of body, mind and soul. Microscopic capsules filled with essential oils, flower scents, aroma wellness and care products such as Aloe Vera, Anti-Cellulite, Vitamins C & E are released on the skin. Our daily movements let the small microcapsule shells disintegrate and release the beneficial essences on our skin and our mind.

UV ABSORBENT

This special treatment in the fabric provides integrated UV protection, preventing the sun's harmful UV-A and UV-B rays from penetrating the garment and damaging the skin.