



Tex-Ray Industrial Co., Ltd.

Tex-Ray Industrial Co., Ltd, a Taiwanese textile conglomerate with global production bases and offices located in North America, Africa, China and Southeast Asia, is prominent in the textile and garment industry for its unprecedented vertically-integrated supply chain services from design, R&D, functional yarns & fabrics, lamination for garment and home textile.

Innovation has always been the foundation of Tex-Ray' s business philosophy. For years, Tex-Ray has been dedicated to research and development, especially in fields such as smart textiles, functional, antimicrobial and sustainable materials, with the aim of incorporating functionality and technology into daily life products under the athleisure lifestyle trending evolution and to cope with different environmental and user scenarios within an eco-friendly methodology.

HD ECOPRINT, one of Tex-Ray' s patented technologies, is a high-resolution and environment-friendly printing technology developed with the concept of sustainable environmental protection. By using this printing technology, both energy consumption and greenhouse gas emissions could be significantly reduced to maintain ecological balance and minimize environmental impacts. Besides, other HD ECOPRINT' s strengths are fine printing, fabric moisture absorption, breathability, and high applicability to different kinds of fabrics, e.g. natural fibers, nylon, and polyester.

Tex-Ray' s latest Ecoloration is a revolutionary eco-dyeing process. By substituting printing for dyeing, it takes less time, increases color reproducibility, and maintains continuous production, which could minimize the difference from batch to batch, reduce defects, keep high fastness, and lower the consumption of water and energy.

In this post-pandemic era, Tex-Ray' s R&D team launched several new technologies, such as the "T-Fresh Antimicrobial Materials Series" to fight ubiquitous pathogens in our living environment; " Photocatalytic Series" infusing special photocatalyst powder into the polyester fiber, absorbing light and generating oxidation reaction to sterilize and remove odors; "Metal Infused Antimicrobial Fiber Series" infusing some specific metal ion nano-materials into the fiber, which has long-lasting effects that absorb and decompose the bacteria to prevent it from growing and multiplying.

Last but not least, the TCool® series is a functional yarn that has been continuously developed and improved by Tex-Ray's R&D team over the years. It has many strengths that cannot be achieved by other post-processing auxiliary products. With cooling insulating powder directly added to the yarn material, its cooling performance is permanent, and will not be deteriorated through daily washing.

T-Cool® yarn can block 70% of the sun's rays (Near Infra-Red) and UV lights while effectively reducing the temperature by approximately 20C to 50C for a cooling sensation incomparable to traditional polyester fibers.

Tex-Ray has re-branded and coordinated all the technologies such as cooling, quick-dry, green...etc into 8 categories of the RAYS series to fulfill the needs of different user scenarios and customers' expectations.

Besides the RAYS Functional Materials Series, Tex-Ray has been engaged in Smart clothing for years with its service of an integrated supply chain and with its expertise in smart clothing applications in a wide spectrum from sporting, and outdoor, to telehealth.

We make clothes not just as fashion garments but as media for a smarter and more futuristic lifestyle.

For more information, please visit our company website: <http://www.texray.com/> ◦