TransDRY™

Transfers Moisture. Dries Faster.

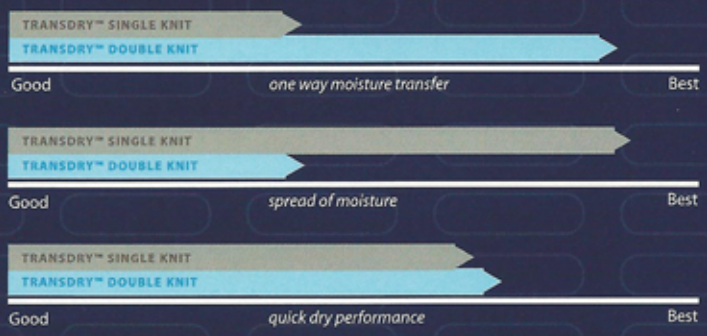
Introducing new **TransDRY ™** technology from Cotton Incorporated.

TransDRY ™ technology is a patented, high-performance moisture management application that allows 100% cotton fabrics to transfer moisture away from the skin or across the surface of the fabric and dry faster. Fabrics made with **TransDRY ™** technology have the ability to keep the wearer dry during varying levels of exercise intensity. Fabrics made from chemical synthetic fibers claim to wick moisture, however many fall short of true one-way movement of moisture. Only **TransDRY ™** technology for cotton goes beyond simple absorption of moisture by moving it away from the body to the outside of the fabric and spreading it over a wider surface area where it can dry faster, keeping the wearer dry and comfortable.

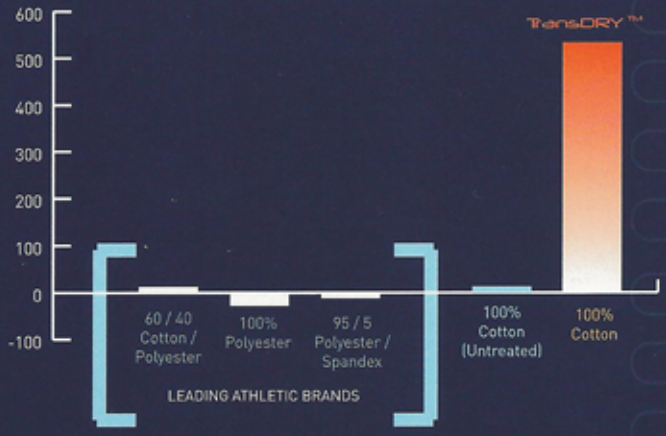
Treated and untreated cotton yarns can be combined in limitless combinations and fabric constructions to allow for truly unique and versatile moisture management and quick-drying performance, and can be engineered to match the desired level of performance in the end product.

The gray arrows represent the performance features of a single knit fabric engineered to spread moisture across the garment more quickly. Moisture is spread across a larger surface area and the garment will dry faster.

The blue arrows represent the performance features of a double knit fabric engineered for excellent one way movement of moisture. Moisture is transferred from the inside of the garment to the outside of the garment so it will dry faster.



ACCUMULATIVE ONE-WAY TRANSPORT INDEX



Synthetic fabrics retain more moisture next to the skin, causing a wet, clammy sensation during exercise. Some wicking finishes applied to synthetic fabrics may even diminish with product washing, so fabric performance decreases with each use.

Directional movement of moisture can now be quantified through measurement of a fabric's Accumulative One-Way Transport Index. This index value is measured by the MMT Apparatus from SDL Atlas. The performance of a fabric when subjected to this test is directly related to one-way movement of moisture through a fabric structure and away from the skin. Cotton fabrics treated with the TransDRY™ technology can be engineered to show a 2000% improvement in one-way transfer of moisture to the outside of the fabric over untreated cotton and leading synthetic brands. Contrary to their marketing claims, most synthetic fabrics also achieve a rating similar to untreated cotton, showing very little or no one way movement of moisture.

ABSORBENT CAPACI TY ATS 600 ABSORBENCY TESTING

Cotton fabrics absorb moisture rapidly and can quickly become saturated, retaining as much as 20–40% more moisture than synthetic fabrics. It is this characteristic that has limited cotton's ability to perform well in activewear and performance apparel products. The absorbency of cotton can be significantly reduced through application of the TransDRY™ technology, resulting in faster drying performance and greater overall comfort.

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