UV PROTECTION ON TEXTILES

Ultraviolet Protection Factor (UPF) is a rating system used for apparel. It indicates how effectively fabrics shield skin from ultraviolet (UV) rays. The higher the UPF number, the greater degree of UV protection. UPF is similar to SPF (Sun Protection Factor), the rating system used for sunscreen products. UPF gauges a fabric's effectiveness against both ultraviolet A (UVA) and UVB light. An SPF number pertains only to a sunscreen's effectiveness against UVB rays, the sunburn-causing segment of the ultraviolet spectrum. Most sunscreens include ingredients that shield skin from UVA rays, but sunscreen makers have yet to agree on how to measure that protection. UV-protective clothing also makes sense for outdoor-oriented people of any skin type who plan to explore areas with increased UV intensity, such as high elevations, equatorial regions, or areas in close proximity to reflective surfaces (water, sand, snowfields).

Some fabrics more effective at disrupting UV rays than others There are a variety of factors: Construction, Dyes; Treatments; Fiber type, Stretch, and Wetness.

Intertek Turkey is pleased to announce that the test equipment has been installed and the test according to AS/NZS 4399, EN 13758-1, and AATCC 183 can be conducted beginning from October 2011.

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