

# AIRYTEX

**LIGHTWEIGHT AND COMFORT  
WORKWEAR**

Flash fire · Lightweight · Flame & heat resistant · Flash fire · Arc flash

## Standards we meet



EN ISO 11612



EN ISO 11611



EN 1149-5



IEC 61482-1-1



EN ISO 20471



NFPA 70E



NFPA 2112



SUNNY SPECIAL DYEING & FINISHING CO., LTD.  
[www.sunnytex.com](http://www.sunnytex.com)

COMFORT AND  
FREEDOM OF  
MOVEMENT

# LIGHTWEIGHT WORKWEAR

PROVIDES PROTECTIVE, COMFORT,  
AND ADAPTABILITY TO DIFFERENT  
ENVIRONMENTS, WHILE PROMOTING  
EFFICIENCY AND MOBILITY.

## Comfort and mobility



Lightweight workwear made from thin and soft materials can provide better comfort and mobility. This is especially important for people who need to wear work clothes in challenging environments, as it reduces unnecessary constraints and restrictions.

## Breathability and moisture-wicking



Lightweight workwear typically has good breathability and moisture-wicking properties, allowing better airflow and keeping the body cool and dry. This is particularly beneficial for individuals working in hot or humid environments, as it helps maintain comfort and prevents excessive sweating.

## Lightweight protection



Lightweight workwear is relatively lighter and offers greater ease of wearing and mobility. This is important for industries that require frequent movement, bending, or tasks that demand such as manual labor, logistics, and construction. Lightweight workwear reduces the burden and improves work efficiency.

## Adaptability to different environments



Lightweight workwear often exhibits better adaptability to various working conditions. For example, lightweight protective clothing can provide adequate protection while adapting to different climate conditions and workplace requirements.


AND COMFORT  
LIGHTWEIGHT



# AIRYTEX

## LIGHTWEIGHT AND COMFORT WORKWEAR

Under the impact of global warming, we offer you a lighter, safer and quicker drying choice to conduct duty in hot and crucial environment.

	AIRYTEX AT010AZ	FR cotton	Modacrylic / Cotton
ASTM F1959 Arc rating (cal/cm <sup>2</sup> )	8.4	8.4	8.4
Weight (gsm)	183 	260	280
ASTM F1930 Flash Fire Manikin Test	<15%	<41%	<35%
Type	inherent	treated	inherent

ARTICLE NO.	AT010AZ	AT015AZ	AP007AZ
Content	OPF / FR Rayon / Para-aramid	OPF / FR Rayon / Para-aramid / AS	Modacrylic / FR Rayon / Aramid
Weight (gsm)	182	185	174
Useable width (inch/cm)	58" / 147	58" / 147	58" / 147
Limited Oxygen Index (LOI)	37 (JIS K 7201)	31 (ISO 4589-2)	33 (ISO 4589-2)
EN ISO 11611/ EN ISO 11612 Protective clothing Welding, against heat, and flame	A1, A2, B1, C1, F1	Class 1, A1, A2, B1, C1, F1	A1, A2, B1, C1, F1
ISO 17493 Heat resistance	<3%	<3%	<3%
ASTM F1930 Flash fire Manikin test	<15%	<10%	
Arc rating ATPV	ASTM F1959 8.4 cal/cm <sup>2</sup>	ASTM F1959 8.4 cal/cm <sup>2</sup>	EN ISO 61482-1-1 7.5 cal/cm <sup>2</sup>

Choose our product,

**YOU'LL ENJOY  
OUTSTANDING SAFETY,  
COMFORT, AND DURABILITY**



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# SUPPLY GREEN SAVE GREEN

Your partner for sustainability in  
pursuit of true greatness.



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## We provide outstanding products for any occasion to everyone

Sunny Special Dyeing and Finishing Co., Ltd. was founded in 1984 and has been contributing to sustainability and environmentally friendly textile manufacturing ever since. Our products are marketed worldwide and available in various functionalities for outdoor activities, including wicking, UV protection, anti-bacterial, and breathable waterproof coating and lamination. Solapel™ is our ultra-durable water-repellency technology with excellent durability which is six times more efficient than other existing products. In response to the diversity of market demands, we have been committing to the development of inherent flame-retardant fabrics to ensure that workers can work safely and comfortably.



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