

# ARC STOPPER by Westlake - powered by Lenzing FR®



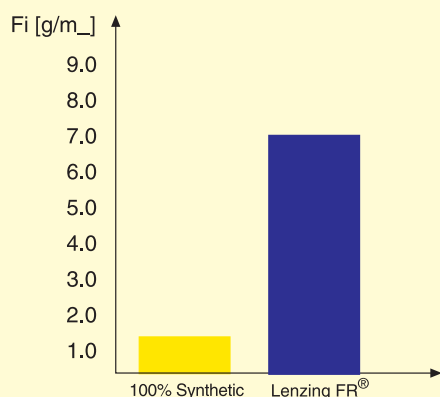
Fabric sample

- **Excellent for Electric Arc and Flash Fire Protection**
- **Inherently Flame Resistant. FR properties can not be removed by washing or wear.**
- **Unique comfort properties due to Lenzing FR®**
- **Industrial launderable - very durable - excellent value. High colour fastness.**
- **ENISO 11612 - NFPA70E - NFPA 2112 compliant**

Lenzing FR® ARC STOPPER developed in China in 2008, successfully tested and certified at Kinetrics Laboratories in Canada 8cal - 12cal - 25+40cal combination.

## Arc Stopper® comfort advantages over 100% Synthetic FR Fabrics

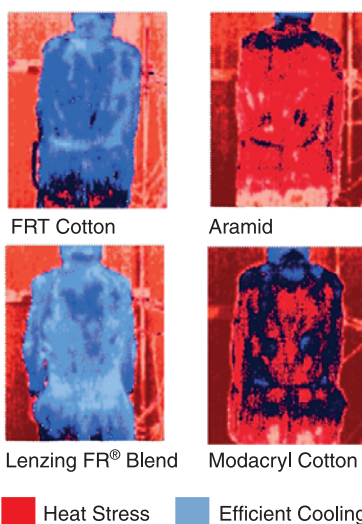
### Superior Sweat Absorption



\*Acc. DIN EN 31092 and ISO 11092

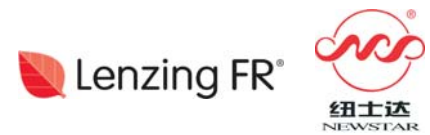
The higher Fi value, the better the sweat absorption.

### Superior Body Cooling



Heat Stress Efficient Cooling

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### Composition 50% Lenzing FR® Blend

|  |              |           |
|--|--------------|-----------|
| Weave  | EN61 101     | K2/1      |
| Weight gr./m2                                | EN12 127     | 235       |
| Tensile strength warp/weft N                 | ISO 13934-1  | 867/795   |
| Tensile elongation warp/weft %               | ISO 13934-1  | 22.7/17.3 |
| Tear growth test warp/weft N                 | ISO 13937-2  | 21/20     |
| Air permeability L/m2/s                      | ISO 9237     | 85        |
| Abrasion test Martindale                     | ISO 12 947/2 | 70 000    |
| Pilling test of Martindale                   | ISO 12 947/4 | 4-5       |
| Flame test-EN ISO 15 025B                    | ISO 15025    | 0/0       |
| After flame time L/Cs                        | ISO 11612    | 0/0       |
| Dimensional Stability                        | ISO 6330     | +0.3/-1.0 |
| Flash Fire (manikin test) % body burn @ 3sec | ASTM 1930    |           |
| Heat resistance - (500F-5min)                | NFPA211      |           |
| Thermal Protective Performance               | (cal/cm2)    |           |
| Vertical Flammability                        | ASTM D6413   |           |
| Char length WxF                              |              |           |
| After Flame WxF                              |              |           |

### ARC Thermal Performance Value 8.0 Cal/m2

| END USE           | STANDARD      |
|-------------------|---------------|
| Electric Industry | ASTM F2621-06 |
|                   | ASTM F1959F   |
| Flash Fire        | NFPA 2112     |
|                   | ENISO 11612   |

#### Laundering/Garment Care

Protective garments need to be maintained correctly. Arc Stopper garments can be cleaned by home or industrial laundering, please contact West Lake for specifications.

#### DISCLAIMER

Consumers must satisfy themselves that the fabric/ garment will meet their needs or requirements. The test data was obtained under laboratory test conditions, West Lake assumes no responsibility offers no warranties on the incorrect use of this product or information.



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