



Advanced protection using LENZING™ FR branded fibers

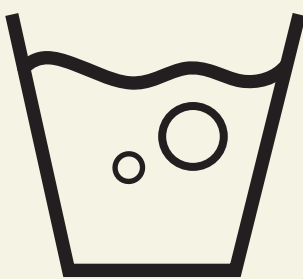
Personnel in metal smelting operations, face inherently difficult situations - hot ambient and radiant heat, molten metal splash - causing regular clothing to catch fire.

REDFOX™ MELT has recently been adopted by a major of Chinese primary aluminum companies after extensive onsite splash testing and wear trials.

REDFOX™ MELT improves comfort and reduce heat stress.

Solutions for Ferrous Metals (Fe) and Non-Ferrous metals (Cu Zn, Al, etc.)
Effective protection in Primary Aluminum against the very aggressive Cryolite inherently flame resistant. FR properties cannot be removed by washing or wear
Industrial launderable, very durable, excellent value
Numerous blends and weights, aluminized under development.
ENISO 11612 - Chinese GB certified

PHYSICAL PROPERTIES				
Garments produced from specific fabric weight		Test Standard	<i>REDFOX™ MELT 260</i>	<i>REDFOX™ MELT 320</i>
Fabric Weight (g/m2)		ISO 3801	260	320
Composition		Lenzing™ FR / high performance fiber blended		
FR PERFORMANCE	after flame time	ISO 11612	<i>< 1s</i>	<i>< 1s</i>
	after glow time		<i>< 1s</i>	<i>< 1s</i>
	hole formation		<i>NO</i>	<i>NO</i>
Molten Aluminum	D	ISO 9185:2008	<i>D2</i>	<i>D3</i>
Molten Iron	E		<i>E2</i>	<i>E3</i>
Tensile Strength (N)	Warp	ISO 13934 -1	<i>800</i>	<i>1200</i>
	Weft		<i>550</i>	<i>900</i>
Tear Strength (N)	Warp	ISO 13937 - 2	<i>40</i>	<i>50</i>
	Weft		<i>40</i>	<i>45</i>
Piling Resistance	after 7000 cycles	ISO 12945 - 2	<i>3</i>	<i>3</i>
Dimensional Stability to Washing (%)	Warp/Weft	ISO 6330	<i><3%</i>	<i><3%</i>



Laundry Care

REDFOX™ MELT blends can be cleaned by home or industrial laundering.



No fabric softeners.

Please contact BWF SA for additional specification.

More comfort, less heat stress. **Lenzing™ FR** branded fiber is based on Modal Fiber Technology, OEKO TEX Class One, eco-friendly production.

Color Fastness				
To Washing		ISO 105 C06	<i>3-4</i>	<i>3-4</i>
To Rubbing	Dry	ISO 105 X12	<i>4</i>	<i>4</i>
	Wet		<i>3-4</i>	<i>3-4</i>
To Light		ISO 105 B02	<i>4</i>	<i>4</i>
To Perspiration	acid	ISO 105 E04	<i>4</i>	<i>4</i>
	alkaline		<i>4</i>	<i>4</i>
To Water		ISO 105 E01	<i>4</i>	<i>4</i>
Azo Free Dye Test		ISO 14362 - 1	<i>FREE</i>	<i>FREE</i>

Colors Available

(color customizable)



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