

**TENCATE**  
**Aralite® SL3**

With its 100% NOMEX® woven face cloth and three layers of inherently flame-resistant NOMEX/KEVLAR E89™ batts, ARALITE® SL3 is a thin, lightweight barrier providing excellent thermal protection.

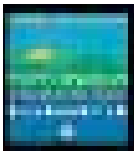
**FACE CLOTH:** 100% NOMEX®  
 (100% spun)  
**BATT:** 3 layers NOMEX®/  
 KEVLAR® spunlace  
 non-woven  
**QUILTED THREAD:** NOMEX®  
**WEIGHT:** 8.0 oz (sq yd)

- Thin, lightweight thermal protection
- Flexible and comfortable to wear
- Proven high performance
- Excellent tear strength

ARALITE SL3 delivers peace of mind when lives are on the line. Only by TenCate SouthernMills.

PHYSICAL PROPERTIES	ARALITE® SL3	NFPA 1971-2007 Edition Requirements
<b>Thickness (inches)</b>	0.10	
<b>Trapezoidal Tear Strength (lbs)</b> Initial (w x f) After 5 launderings (w x f)	<b>ASTM D5587*</b>  70 x 40 65 x 40	5.0 min
<b>Thermal Protective Performance (cal/cm²)</b> TPP with ADVANCE™, Crosstech® Type 2c	<b>NFPA 1971-2007</b>  40 - 42	35.0 min
<b>Vertical Flammability</b> Char Length in inches (w x f) (Initial) Char Length in inches (w x f) (After 5 launderings) After Flame in seconds (w x f)	<b>ASTM D6413</b>  1.0 x 1.0 1.0 x 1.0 0.0 x 0.0	4.0 max 2.0 max
<b>Laundry Shrinkage (%)</b> After 5 launderings (cotton sturdy cycle) (w x f)	<b>AATCC 135</b>  < 5.0 x < 5.0	5.0 max
<b>Thermal Shrinkage (%)</b> 500°F at 5 minutes After 5 launderings	<b>NFPA 1971-2007</b>  < 2.5 < 2.0	10.0 max
<b>Heat Resistance</b>	<b>NFPA 1971-2007</b>  Pass	Shall not melt, separate or ignite

\*NFPA 1971-2007 stipulates that Trapezoidal Tear Strength measurement shall be performed without specimen slippage.



*The Most Trusted Name In Protective Fabrics.*

**SOUTHERN MILLS, Inc.**

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EMERGENCY RESPONSE

