

Fire-resistant foam mattress insert is designed for comfort, durability and high fire performance characteristics. Fire-resistant properties shall not be affected by exposure to water. The CR SAFGUARD XL (or equal) latex compound foam insert shall comply with the following physical and fire performance criteria:

<b><i>Physical Properties</i></b>		
<b>Property</b>	<b>Test Method</b>	<b>Value</b>
Density	ASTM D3574	5.5 lbs./ft. <sup>3</sup> Minimum
Indentation (I.F.D.)	ASTM D3574 Test B <sub>1</sub> , 25% deflection on a 2" thickness	35 ± 7 lbs.
Compression Set	ASTM D3574 Test D - 50% constant deflection - Percent of original thickness	12% Maximum
Elongation	ASTM D3574, Test E	120% Minimum
Tear Strength	ASTM D3574, Test F	2.0 lbs. inch Minimum
Tensile Strength	ASTM D3574, Test E	10 lbs./sq. inch Minimum
Flex Fatigue	ASTM D3574, Test I <sub>3</sub> (80,000 cycles)	
Thickness Loss	Percent of original thickness	10% Maximum
Fungal Resistance	ASTM G-21	No growth
<b><i>Flammability Characteristics</i></b>		
<b>Property</b>	<b>Test Method</b>	<b>Value</b>
Radiant Panel Index	ASTM E3675	I <sub>s</sub> 10 Maximum
NBS Smoke Chamber	ASTM E662 Flaming and non-flaming modes, 1" samples	D <sub>s</sub> 90 seconds 100 max D <sub>s</sub> 4 minutes 175 max D <sub>max</sub> 200 max