



LionGUARD™ Family of Continuous Insulation Products

Properties	Unit of Measure	<i>LionGUARD XL</i>	<i>LionGUARD Pro</i>	<i>LionGUARD HD</i>	<i>LionGUARD GPS</i>
Density Range	pcf	.75/.85 (Type XI)	.85/.95 (Type XI)	1.35/1.79 (Type II)	1.10/1.14 (Type I)
Flex Strength	psi	15-25	20-30	40-50	30-38
Compressive Strength	psi	7-10	9-12	15-21	10-13
Dimensional Stability	Max % change	2	2	2	2
Service Temperature	°F	167	167	167	167
Thermal Performance / In.					
R Value / k Factor :	25°F	4.10 / .24	4.35 / .23	4.76 / .21	5.12 / .20
R Value / k Factor :	75°F	3.60 / .28	3.85 / .26	4.17 / .24	4.70 / .21
Flame - Spread (class A)		0-25	0-25	0-25	0-25
smoke developed		0-450	0-450	0-450	0-450

The Information presented in this table is offered in good faith and believed to be accurate all statements and suggestions are made without warranty, expressed or implied including any implied warranties of merchantability or fitness for any purpose.

CAUTION

Like many construction materials this product is combustible. It should not be exposed to flame or other ignition sources. It is the buyer's responsibility to see that the product is installed in accordance with applicable building codes. Local codes may require protective thermal barrier. Meets IBC/IRC requirements for foam plastic insulation. Refer to section 2603 of IBC for details.

See product listings: NER-479, ESR-1798, ESR-1640, ESR-1095 and ESR-1634

Meets ASTM C-578 and HUD Specifications



32 Gramar Avenue • Prospect, CT 06712

800-237-3763

www.polarcentral.com



ICC-ES ESR 3522

