

## INSULATION

### Blue Jeans

**Blue Jeans** is a natural cotton fiber insulation designed for use in partition, floor, and ceiling assemblies. Comprised of 85% post-industrial recycled natural cotton fibers, **Blue Jeans** is the superb product of a revolutionary patented manufacturing process which requires no chemical irritants or warning labels. Featuring substantially effective sound absorption and maximum thermal performance, **Blue Jeans** is the ideal and safe insulation choice for any project.



#### Features:

- High Noise reduction Coefficient to reduce airborne sound transmission
- Environmentally friendly with no chemical irritants or warning labels
- Class A flammability
- Rated for use in Open Air Plenum Spaces
- Inherently resists mold, fungi, mildew, bacteria, moisture and pests

#### Applications:

- Residential
- Condominium
- Commercial
- Industrial
- Multi-Family Dwellings
- Room-to-room Acoustic Separation
- Home Theaters

#### Technical Properties:

Properties	Performance	Method
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread: 5 (Class 1) Smoke Developed: 35 (Class 1)	ASTM E 84 UL 723
Corrosion Resistance	Pass	ASTM C 739
Fungi Resistance	Pass: No Growth	ASTM C 739
Bacteria Resistance	Pass: No Growth	ASTM C 739
Moisture Absorption	Pass: Less Than 15%	ASTM C 739
Fire Test of Building Materials	Pass: 1 Hour Rating	ASTM E 119/ UL 263

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### Thermal Properties:

*R-Value* is a measure of thermal resistance. A higher value equals better resistance to thermal conductivity and subsequently, better performance as an insulator.

Thickness		Width		Length		R-Value
Inch	(mm)	Inch	(mm)	Inch	(mm)	
2	51	16	406	48	1220	8
3.5	89	16	406	94	2387	13
3.5	89	24	609	94	2387	13
5.5	139	16	406	94	2387	19
5.5	139	24	609	94	2387	19

### Available Sizes:

Product	Thickness		Width		Length		Area/Bundle	
	Inch	(mm)	Inch	(mm)	Inch	(mm)	Ft <sup>2</sup>	(m <sup>2</sup> )
R-8	2.0	51	16	406	48	1220	-	-
R-13	3.5	89	16	406	94	2387	84.88	7.89
R-13	3.5	89	24	609	94	2387	126.63	11.76
R-19	5.5	139	16	406	94	2387	53.04	4.93
R-19	5.5	139	24	609	94	2387	79.15	7.35

### Additional Information Available:

- Architectural Specifications
- Acoustical Properties
- Typical installation guidelines and details