



**INSULCAP JACKET**

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The Spence Insulcap Removable Insulating Jacket is an easy to install, reusable, one piece, asbestos-free insulating cover designed specifically to fit and be used on Spence Type E and Type C Main Valves. In addition to providing insulation to limit heat energy losses, using the Insulcap also helps reduce noise transmission. Being a removable and reusable jacket, the Insulcap makes replacement and maintenance costs much less than those associated with rigid insulation. Simple but effective Velcro® fasteners make the Insulcap easy to install.

The Insulcap Jacket surface material is manufactured by a two step process, combining the benefits of impregnation and coating processes. It contains a well-stabilized woven glass reinforcement (result of impregnation) and an extremely durable surface membrane barrier (result of coating) wrapped around 1" thick mechanically bonded long textile glass fibers.

The Insulcap Jacket is available for valve sizes 2" screwed and 2"-6" flanged. Jackets for smaller or larger valves are available upon request. It is lightweight and will withstand temperatures to 550°F.

## OPTIONS

- Stainless Steel Mesh Lining for Temperatures above 550°F
- Lead Lining for extra noise reduction

## MATERIALS OF CONSTRUCTION

Jacketing .....Chemical resistant silicone coated fiberglass  
 Insulation .....Mechanically bound, 11# density fiberglass mat  
 Thread & Seam Closure .....Kevlar

**DIMENSIONS** inches (mm)  
**AND WEIGHTS** pounds (kg)

VALVE SIZE	DIMENSIONS IN INCHES		WEIGHT (lbs.)
	WIDTH	LENGTH	
2 Screwed (50)	14 <sup>1</sup> / <sub>2</sub> (368)	21 (533)	2.6 (1.2)
2 Flanged (50)	17 <sup>1</sup> / <sub>2</sub> (444)	26 <sup>1</sup> / <sub>2</sub> (623)	2.7 (1.2)
2 <sup>1</sup> / <sub>2</sub> (65)	18 <sup>1</sup> / <sub>2</sub> (470)	31 (787)	4.6 (2.1)
3 (80)	19 <sup>1</sup> / <sub>2</sub> (495)	35 (889)	4.65 (2.1)
4 (100)	19 <sup>1</sup> / <sub>2</sub> (495)	37 (940)	6.15 (2.7)
6 (150)	22 <sup>1</sup> / <sub>2</sub> (571)	43 (1092)	8.55 (3.9)

**Heat Energy Savings  
 Payback Period**

Regulator 50 psig	Millions of BTU's Saved Annually	Payback in Days
2" (50)	24.45	157
2.5" (65)	27.51	182
3" (80)	30.57	168
4" (100)	36.68	165
6" (150)	51.96	171