

## Features & Benefits of Shannon Engineered Systems



THERMAL



ACOUSTIC



SAFETY

*Engineering Reusable Solutions  
for a Sustainable Planet*

### The Laundry Services Market:

Shannon manufactures an insulation solution that saves energy for commercial laundry presses and steam system components such as valves, strainers and flex hosing, while protecting operators from burns (OSHA compliance). Making hot surfaces OSHA-compliant can lower insurance liability. Shannon Blankets improve the quality of steam and enable owners to: improve the efficiency of steam-supplied equipment (e.g., washing machines and presses); lower surface and ambient temperatures, and reduce air conditioning load. Insulation is the ideal solution for complex steam fittings and hot surface conditions that otherwise go untreated. Shannon can assess the opportunity through a free energy survey, which may have a utility rebate. Customers typically see a payback within 24 months.



### Proven Company Track Record:

Shannon Global Energy Solutions was established in 1988 as a premier manufacturer of high quality technology driven, blanket insulation products and services. Shannon has asserted a role in the market as a product leader for over 31 years, providing countless successful blanket insulation offerings from energy conservation to sound reduction, to safety. Coupled with strong original equipment manufacturer endorsements.

### Proven Design & Design Construction:

Shannon Global Energy Solutions manufactures engineered systems using CAD/CNC technology creating the most exact blanket geometry to assure the customer both a high quality fit as well as a high quality construction. With over 6 million CAD files on all types of fittings and equipment, we can assure the customer that the blanket geometry will match the surface configuration. The customer can be assured that what we design and make will fit and have a very high probability of getting re-installed.



### Proven Specifications:

Our blanket designs are application specific to allow a projected service life of 15 years or beyond. These blanket specifications have become industry standards and have been adopted by the engineering community through the design standard CSI-3 Part (Construction Specifications Institute). Blanket specifications are available for review through our website, [www.shannonglobalenergy.com](http://www.shannonglobalenergy.com). We pride ourselves in providing a cost effective, value added investment design.

### Field Service & Sales Support:

Shannon engineered systems are represented and supported by sales representatives that embrace the sale and support the sale with expert technical knowledge of the process and the insulation value that Shannon blankets will add to the application. We offer comprehensive Energy Survey Services, field measuring services and installation, training and technical support. We believe that supporting the sale after the installation is just as important as is the sale itself.

### Highlights:

- Energy savings / personnel protection
- Easy on & easy off
- Self-contained insulation system
- Integral fasteners
- Lower ambient room temperature
- Deliver dry steam to the press
- Avoid operator burns / injury
- Lower your air conditioning cost



### SAMPLE of SAVINGS

#### 1 each Steam Trap

#### Armstrong® Model 880 Steam Trap

Surface Temperature: 274 F

Ambient Temp: 80 F

Steam Cost: \$10.00 / mm BTU

Design: LT500HS-AG - 3/32" Thickness

Fastener: Velcro® Flaps

Purpose: Energy Savings & Personnel Protection

Operating Cost Bare:	\$ 65.80/Year
Cost of Heat Shield:	\$ 65.00
Install Cost:	\$ 13.00
Annual Savings:	\$ 49.55/Year
Payback Period:	17.2 Months

**Lifetime Savings: \$ 743.18/15 Years**

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