

Application: Plastics Extrusion and Blow Molding Equipment

Shannon Global Energy Solutions offers an engineered insulation system that significantly reduces heat loss and surface temperature for plastics extrusion, injection molding and blow molding equipment. For example, Shannon has created a set of custom-made thermal insulation blankets to protect workers from hot portions of an extrusion line at various manufacturing plants. After installing Shannon blankets, manufacturers often notice heaters cycling on and off more instead of running almost constantly.

Shannon Blanket Insulation will save substantial energy costs. Any surface being covered will show an estimated heat loss reduction of 85%. With average surface temperatures of 500 F, this reduction equates to payback periods on investment of less than 6 months. In addition, annual savings will be present year after year for continued blanket insulation service.

Shannon Blanket Insulation is a **custom fit, self contained** insulation system. The recommended blanket design LT550SG features a sewn blanket construction with a **Velcro® belting** system. The sewn construction offers a **durable construction** capable of withstanding both temperature and frequent removal. The belting system offers a **quick release fastening system** with a high quality sewn construction. Basically, any blanket piece can be taken from a shipment box and placed onto a machine using no tools or extra materials for installation.



18" OD Extruder Barrel

Design: LT550SG - 1" Thick

Fastener: D Ring Strap

Purpose: Thermal Efficiency & Safety

Highlights:

- Energy savings & noise reduction
- Self contained insulation system
- Integral fastener easy on & easy off
- Double sewn construction
- Non-porous high quality jacketing
- Addresses hot surface conditions
- CAD/CNC/ERP QA/QC approach
- Compelling energy savings

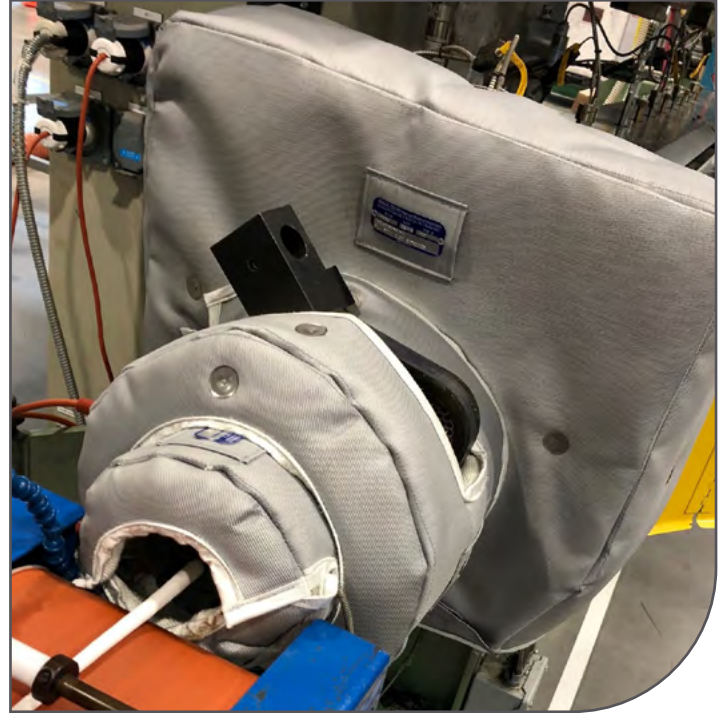


6" OD Extruder Barrel

Design: LT550SG - 1" Thick

Fastener: D Ring Strap

Purpose: Thermal Efficiency & Safety



Extruder Head

Design: MT850SSi - 1" Thickness

Fastener: "D" Ring Straps

Purpose: Thermal Efficiency & Safety



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for a Sustainable Planet*

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