



THERMAL MANAGEMENT

# ThermoJacket® E

## Product Highlights

- Operating temperature up to 750°C
- Excellent thermal insulation
- Durable
- Extremely flexible
- Conforms to component
- Low profile

## Typical Applications

- Exhaust Gas Recirculation (EGR) Tubes
- Exhaust System Components



ThermoJacket® E is a knitted sleeve developed for insulation of high temperature exhaust systems. Designed with basalt yarns, ThermoJacket E can withstand temperatures up to 750°C.

The high degree of insulation provided by ThermoJacket E enables exhaust gas to maintain temperature as it moves through the exhaust system. Maintenance of exhaust gas temperature is important in order to ensure complete conversion of exhaust gas and particulates. Complete conversion is necessary to meet the increasingly strict emission regulations set in place by government mandate.

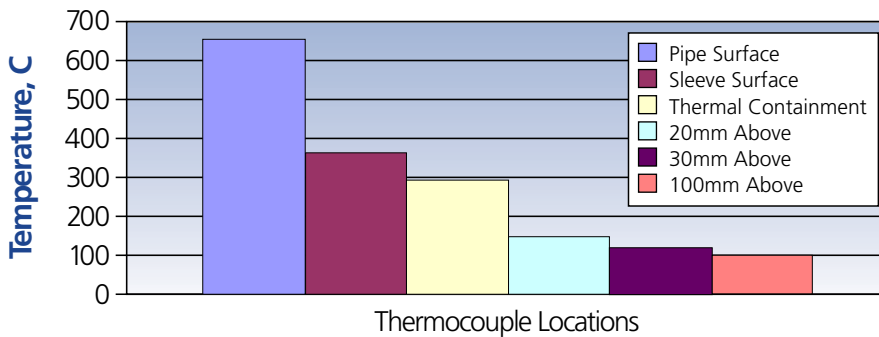
ThermoJacket E's innovative design can expand up to 1.5 times its own diameter and accommodates flanges and bends typically seen on exhaust system components. Optional attachment methods are also available.

**BentleyHarris®**  
Protection Products

# Performance Data - ThermoJacket® E

Test Method	Property	Result
BH100-003F	Fluid Resistance	Pass
BH100-521	Thermal Endurance	Pass
BH100-522	Cold/Wet Endurance	Pass
BH100-524 (ref. SAE J369)	Flammability with Oil Contamination	Self-extinguishing
SAE J369	Horizontal Flammability	Does not ignite
ASTM G85	Salt Spray	Pass

## 3.5-in. Diameter ThermoJacket E Thermal Containment for 650°C Pipe Temperature



**Thermal Containment = Pipe Temp. – Sleeve Temp.**

## Availability

ThermoJacket® E is available in diameters from 1" up to 5.5". Maximum length is 72" with a minimum length of 6". All numeric data show typical or average values.

The information and illustrations given herein are believed to be reliable. Federal-Mogul makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Federal-Mogul's only obligations are those in the standard term of sale for this product and Federal-Mogul will not be liable for any consequential or other damages arising out of the use or misuse of this product. Users should make their own evaluations to determine the suitability of the product for specific applications.

©2007 Federal-Mogul Systems Protection Group, manufacturer of Bentley-Harris protection products

**Europe:** (33) 3 44 30 39 00  
**China:** (86) 21 5588 0898  
**Japan:** (81) 45 938 8711  
**USA:** (1) 800.926.2472

[www.federal-mogul.com/sp](http://www.federal-mogul.com/sp)

**BentleyHarris®**  
Protection Products