

DEFENDER SERIES THERMAL INSULATION™

Designed to meet the unique challenges of the most demanding applications, **Duraflex Defender Series Thermal** Insulation™ components & complete systems are engineered to out-perform & endure at the most extreme levels. Our advanced controlled processes & materials ensure the ultimate combination of thermal control, protection, performance & affordability.







PRODUCTS Custom & Standard

- Heat Shields
- High Temp Covers
- Insulators
- Thermal Barriers
- Vibration Dampeners
- Weatherization Devices

SERVICES Drawings

- Engineering Design
- Prototyping
- Testing

APPLICATIONS Commercial

- Engines
- Generators
- Heat Barriers
- Heat Sources
- Industrial
- Motors
- Piping
- Refrigeration
- Safety Covers

INDUSTRIES Aerospace

- Agriculture
- Marine
- Military
- Off Highway
- Performance Vehicles
- Power Distribution
- Process / Machinery

MATERIALS*

- Carbon Fiber Elements
- Organo Silicates
- Non-fiberglass Spun Inconel / Nickel
 - Graphite Bonding
 - Kevlar Threads
 - Ceramic Deposition
 - Basalt Coatings
 - Spec Sheet Per Material Available Per Order *potential

- **USAGE** Abrasion Protection
 - Designed to Exceed Standard Life Cycles
 - Emissions Control
 - ↓K Where Low Thermal Conductivity is Required with a High Insulation Capability **†R**
 - Noise Suppression/Reduction
 - Prevents External Corrosion Contaminants
 - Protects Key Components from Mechanical Damage
 - Regeneration Reduction
 - Retains Heat to Maintain:
 - Minimum Heat Working Temps
 - Safe Low Skin Temps

COMPLIANCE NSF

Industry Codes

- ABS
- USCG
- NAVSEA
- ISO
- CF

DEFENDER SERIES ADVANTAGES

- >2000+° F ...With Continuous Protection!
- American Made
- Compliance...With extreme motion!
- Configuration: Ease of Use Flexibility Light Weight
- Cost Competitive
- Ease of Installation & Removal... Straps & Snaps
- Engineered Design...2D & 3D Models
- High Temp Material Composition
- No Minimums
- Professional Aerospace Appearance
- Short Lead Times
- Water Resistant



ENGINE EXHAUST INSULATION DESIGN

DURAFLEX, INC.

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CUSTOMER INFORMATION											
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Company Name							Divisio	n/Department	:		
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