



## HyperDyne™ Systems Microporous Insulation

### Your race car should run like it's melting the competition... not its driver!

At Thermo Dyne, we employ microporous insulation technology that has been used for more than 40 years in the insulation systems of the world's most advanced aircraft, and we now adapt it for use in today's high performance sports and race vehicles. Our HyperDyne™ systems are ideal for the environmental rigors and high expectations of performance vehicle teams, and provide exceptional performance in the following areas:

#### Unparalleled Thermal Efficiency

No other existing materials in the world are as thermally efficient for high temperatures as ThermoDyne's microporous insulation systems.

#### Vibration Resistance

The quilting process used in manufacturing HyperDyne™ keeps the insulation materials in place during use.

#### Abrasion Resistance

Coated or encapsulated fabric facings protect the insulation system from debris and abrasion.



#### Cosmetic Appeal

HyperDyne™ fabrications are available in a variety of colors.

#### Customized Construction and Fabrication

HyperDyne™ systems are engineered and fabricated according to individual team needs and specifications.

#### ThermoDyne's HyperDyne™ systems are ideal for use in the following types of applications:

- Exhaust System Jackets
- Heat Shields
- Manifold Covers
- Fuel Line Insulators
- Gasket Seals
- Cockpit Heat Isolation
- Fire Protection

For more information about ThermoDyne's complete line of high performance microporous products for sports and racing vehicles, call our toll free number 866.741.5458, and let us help you put the power of aerospace industry insulation technology at your fingertips!

*Thermal calculations are intended for comparison purposes only, and are not intended to be used for engineering or product specification.*

**Yielded Cold Face at Various Temperatures for 4 Materials at 1/4" thickness**

