

**Product Description**

TUFshield TS-2470 thermal shield is a light-weight, highly conformable, resilient thermal solution. The flexible construction enables coverage for unique shapes and surfaces, while maintaining its thermal protection properties. Multiple adhesives packages are available to fit your application requirements.

- Thermal protection for interiors and machinery
- Ease of attachment via pressure sensitive adhesive
- Resilient to interior and exterior automotive conditions
- 3.2 mil acrylic adhesive for use on irregular surfaces

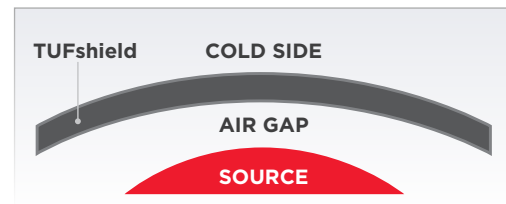
TYPICAL PROPERTIES	TS-2470
<b>Description</b>	Aluminum / Foam / Adhesive
<b>Surface Density, g/m<sup>2</sup></b> ASTM D3776	700
<b>Thickness, mm</b>	4.0
<b>Flammability</b> FMVSS 302	Pass
<b>Thermal Conductivity, W/m - K</b> 20°C	0.04
<b>Reagent Resistance*</b> <i>Results based on 4 hour immersion</i>	
Motor Oil	Pass
Antifreeze	Pass
Brake Fluid	Pass
Power Steering Fluid	Pass
Transmission Fluid	Pass
Washer Fluid	Pass

The above technical information and data should be considered representative or typical only and should not be used for specification purposes.

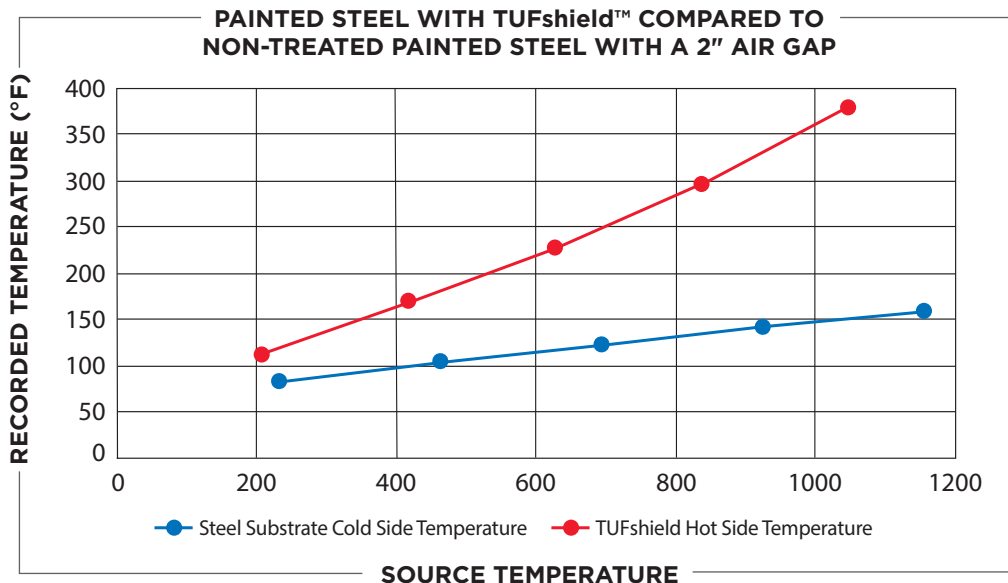
\*Pass indicates no visual signs of degradation

**High Temperature Test Rig**

- Cylindrical heat source variable from 80°F (26.7°C) to 1300°F (704°C)
- Distance from heat source to sample material variable from 0.5" to 5.0"
- System measured at steady state
- Average temperature of heat source, hot side and cold side, are recorded



TUFshield TS-2470 thermal barrier is effective at reducing thermal loads in areas with high heat sources where little space is available.



**Technical Information**

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