Product Description
TUFshield TS-5470 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.
- Thermal protection for interiors and machinery
- Ease of attachment via pressure sensitive adhesive
- Resilient to interior and exterior automotive conditions

TYPICAL PROPERTIES | TS-5470
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| Description | Aluminum / Foam / Adhesive |
| Surface Density, g/m² | 1000 |
| ASTM D3776 | |
| Thickness, mm | 4.0 |
| Flammability | |
| FMVSS 302 | Pass |
| UL 94 | HBF |
| UL 2200 | Pass |
| Thermal Conductivity, W/m - K 20°C | 0.032 |

Reagent Resistance*
- Results based on 4 hour immersion
- 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 to 1300°F
- 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-5470 thermal barrier is effective at reducing thermal loads in areas with high heat sources where little space is available.
Technical Information
The technical information, recommendations and other statements contained in this document are based upon tests or experience that Aearo Technologies believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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