



FLEXIBLE STICK-ON HEATSHIELD



GENERAL DESCRIPTION

Flexible, multi-layered, stick-on heatshield that provides a cost-effective, durable and more easily installed alternative to all-metal heatshield

PRODUCT HIGHLIGHTS

- Provides a simple and low-cost solution for mid-temperature thermal shielding applications.
- The flexible structure of ThermaPatch™ can conform to various curvatures and shapes.
- The pressure sensitive adhesive allows it to be directly attached to most automotive surfaces (body structure surfaces, fuel tanks, fascias, suspension components, etc).
- ThermaPatch™ is made of a reflective aluminum surface, a non-woven fiber insulation layer and a pressure-sensitive adhesive (PSA)

APPLICATIONS

Typically used as a “Quick-Fix” for thermal hot-spots in automotive applications such as fuel tanks, fuel lines, brake lines, spare tires and underbody heatshields

OTHER PROPERTIES

- The aluminum surface and fiber insulation layer can be adjusted to meet the insulation needs of the project
- Resistant to mildew
- Passes Gravelometer, SAE J400

STANDARDS

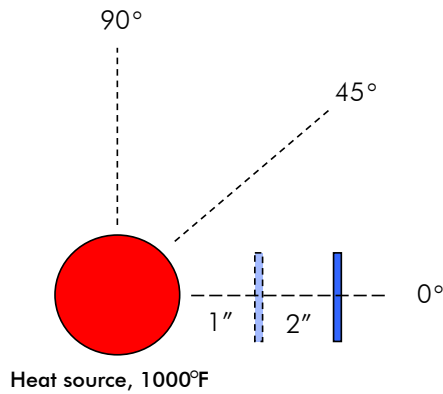
- FCA: MS-10943
- Ford: WSS-M99P32-D6
- GM: GMW16653

THICKNESS	4.0mm +/- 1.5mm (can be tailored to meet specific requirements)
MATERIAL SELECTION	Adhesion can be tailored to most automotive surfaces (steel, electro-coated metals, HDPE, etc)
CHEMICAL RESISTANCE	Water, salt solution, oil, sulfuric acid, coolant, trans fluid, brake fluid, gasoline
EDGE CONDITION AND TOLERANCES	Passes SAEJ369



THERMAL PERFORMANCE

TEST SET UP



POSITION	0		45		90	
	1 in	2 in	1 in	2 in	1 in	2 in
Al (hot side)	246	204	371	299	459	390
Al (cold side)	183	156	246	207	360	308
Base CRS (hot side)	142	123	174	154	247	221
Temperature Drop (Al hot side to CRS hot side)	104	81	197	145	212	169

Heat Source Temp. (F)
CRS: Cold Rolled Steel