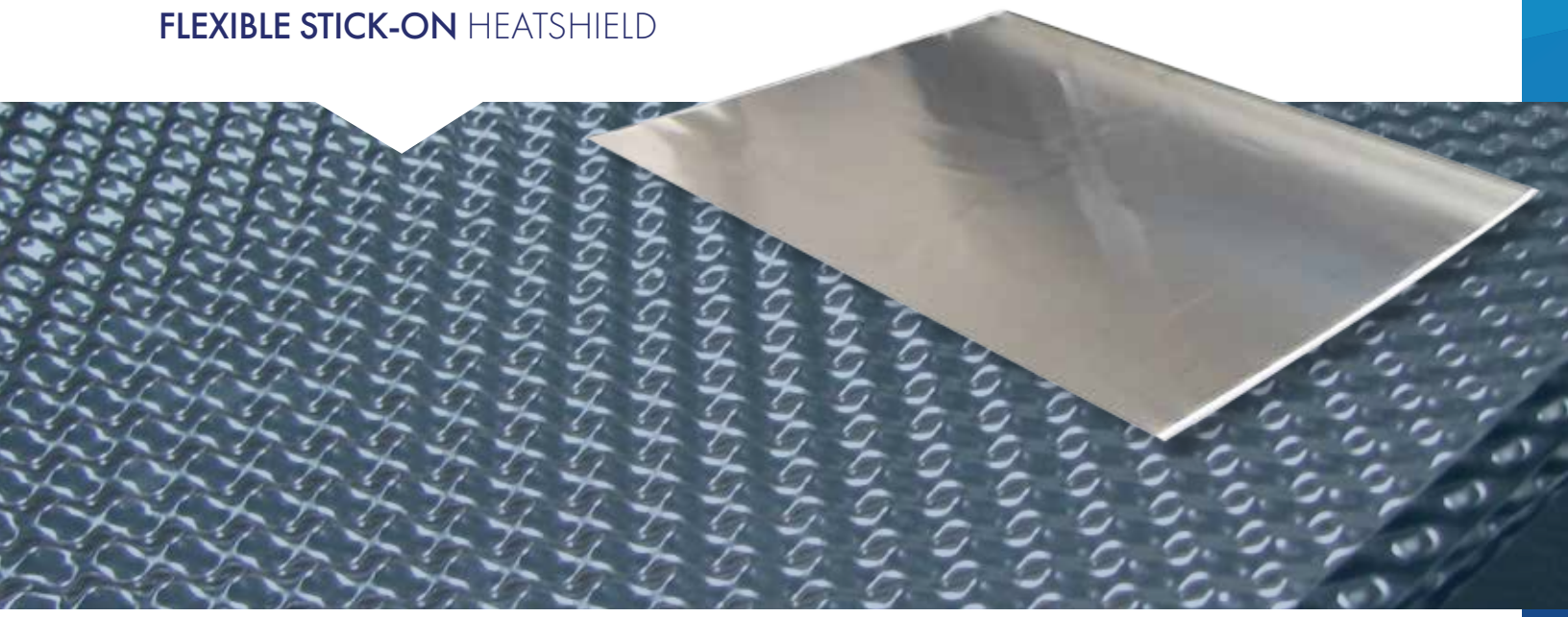
THERMAPATCH™

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)

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

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

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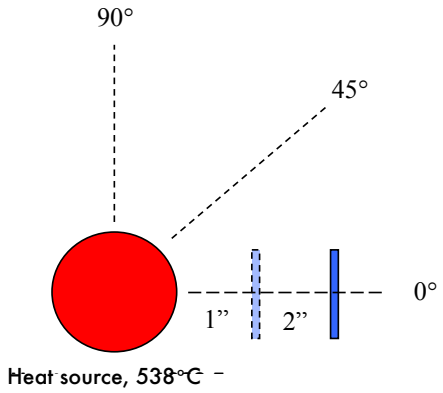
THERMAL PERFORMANCE

TEST SET UP



POSITION	0°		45°		90°	
	1in	2in	1in	2in	1in	2in
Al (hot side)	119	96	188	149	237	199
Al (cold side)	84	69	119	97	182	153
Base crs (hot side)	61	51	79	68	119	105
Temperature Drop (hot side to hot side)	40	27	92	63	100	76

Heat Source Temp. (C)

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