

THERMAL PATCH SERIES

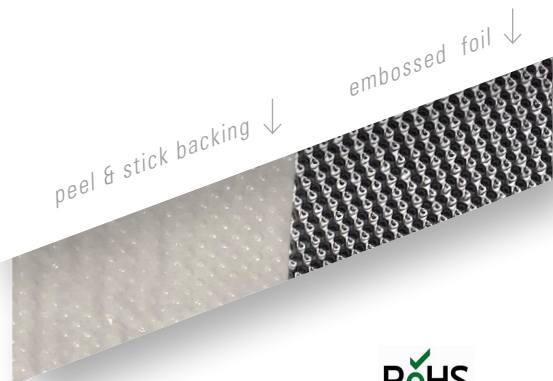
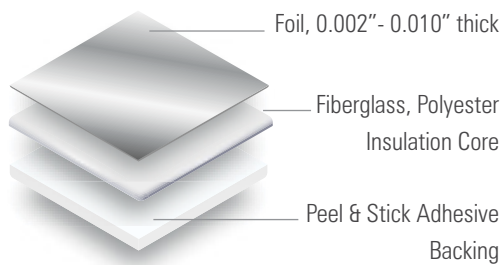
Increase passenger comfort.
Reduce noise, vibration, and harshness.
Support lightweighting initiatives.

TABshield™ thermal patch series is available in several standard-sized sheets and rolls, or it can be custom die-cut to meet your specific project requirements.

Options include:

- Peel & stick adhesive backing—for ease of installation
- Adhesive pull tabs—for easier liner removal
- Embossing—for better formability
- Microperforating—for improved acoustical performance

COMPOSITION:



Thermal & Acoustical Barrier TABshield™

TABshield™ patch series is designed to provide superior thermal and acoustic performance under tough conditions. A lightweight alternative to traditional metal heat shields, it is easy-to-install, conformable to most shapes, and an ideal solution for a variety of targeted noise and heat suppression applications.

BENEFITS:

- **Stops** both radiant and conductive heat
- **Absorbs** engine and road noise
- **Lightweight** construction
- **Low cost** tooling
- **Made** in the USA
- **Resistant** to common automotive fluids

APPLICATIONS:

Targeted thermal & acoustical protection for engine shields, tunnel insulators, dash insulators, hood insulators, engine compartments, exhaust shields, tunnel shields, marine heat shields, appliance, HVAC, and more.

Ideal for use in applications with space or weight constraints.

PHYSICAL PROPERTIES: (TAB210E tested)

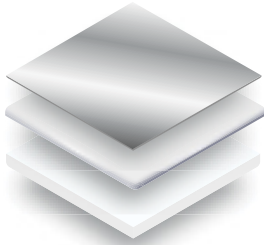
| | |
|--|---|
| Construction | Needled core laminated with foil and optional PSA |
| Weight per Unit Area, g/m ² FLTM BN 106-01 | 1491.4 avg. |
| Thickness, mm ASTM D1777-96 | 3.97 avg. |
| Moisture Absorption | 0.3% |
| Thermal Conductivity, W/mK ASTM C177-13 | 20°C 65°C 93°C 0.034 0.038 0.044 |
| Flammability FMVSS302 | Self-extinguishing |

Meets Ford WSS-M99P32-E6

Here are just a few of the TABshield patch constructions we have available to meet your specific needs.

Custom constructions are available for your particular application.

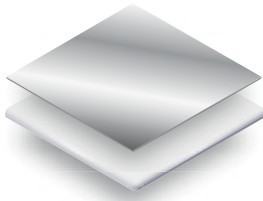
Just Ask Us!



TAB 200 SERIES (FOIL + INSULATION + ADHESIVE)

| | |
|--------|--|
| TAB210 | 10 mil foil 0.2" insulation core High temp acrylic pressure sensitive adhesive |
| TAB203 | 3 mil foil 0.2" insulation core High temp acrylic pressure sensitive adhesive |
| TAB202 | 2 mil foil 0.2" insulation core High temp acrylic pressure sensitive adhesive |

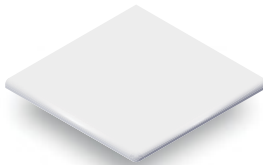
The constructions above can be ordered plain, embossed (E), embossed and microperforated (EMP), or with a low surface energy PSA (-LSE).



TAB 100 SERIES (FOIL + INSULATION)

| | |
|--------|-------------------------------------|
| TAB110 | 10 mil foil 0.2" insulation core |
| TAB103 | 3 mil foil 0.2" insulation core |
| TAB102 | 2 mil foil 0.2" insulation core |

The constructions above can be ordered plain, embossed (E), embossed and microperforated (EMP).



TABCORE SERIES (INSULATION)

| | |
|-------------|---|
| TABCORE | 0.2" insulation |
| TABCORE-A | 0.2" insulation High temp acrylic pressure sensitive adhesive |
| TABCORE-LSE | 0.2" insulation Low surface energy pressure sensitive adhesive |