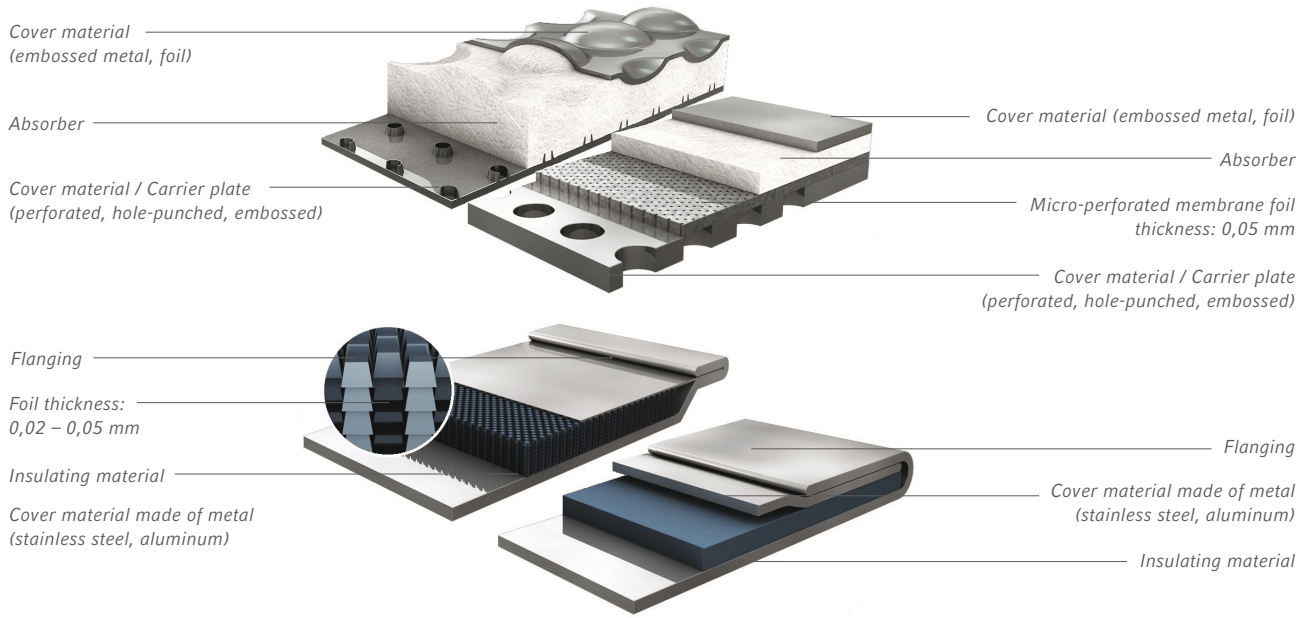


FACT SHEET

ElroShield™ M



Thermal and acoustic management for the entire vehicle
Shielding systems by ElringKlinger

Technology

STANDARD CARRIER LAYER MATERIALS

- + Stainless steel
- + FAL
- + Aluminum

INSULATION FUNCTIONS

- + Air gap
- + ElroTherm ECO/ PRO
- + ElroTherm VG/VCG/V
- + Polyester

OPTIONS

- + With safety edge
- + Embossed
- + Perforated
- + Tailored Electro Magnetic Capabilities
- + Attachment and decoupling features
- + Sound design

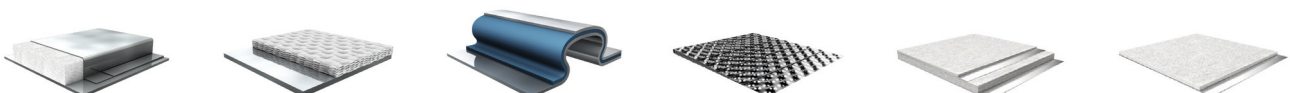
WORKING TEMPERATURE

- + Maximum 1,100°C, depending on material

APPLICATIONS

- + This material combination can be used for a wide range of applications.

Other Options



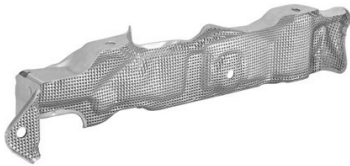
Automotive Applications

Underhood, Engine Encapsulation, Catalytic Convert,
Exhaust Manifold



**ELRINGKLINGER –
YOUR PARTNER FOR
SHIELDING SYSTEMS**

Product Development (Design,
Engineering and Simulation) –
Validation & Testing –
Tool Shop – Prototype Shop –
Series Production



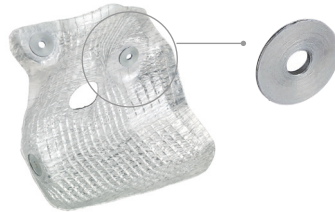
Acoustically effective exhaust manifold shielding with microperforated inner layer



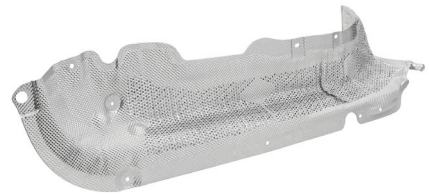
Turbocharger shielding with integrated gasket



Highly efficient underbody shielding with embossed aluminum foil package



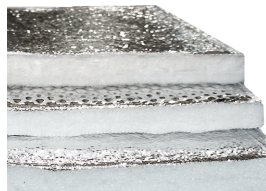
Shielding for exhaust manifold with special Ω -structure and decoupling elements



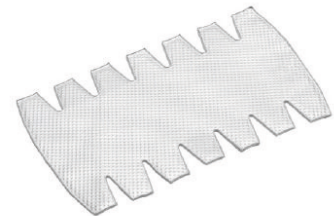
Acoustically effective underbody shielding with hole-punched carrier layer, membrane foil, absorber and cover foil



Embossed two layer shielding with an air gap and an integrated flex material



Polyester/Polyester scrim covered with aluminum foil for door tape, door/side shield, baffle shield



Embossed stick on heat shield

YOUR CONTACT

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08/23