



YOUR SOLUTION PARTNER IN INDUSTRIAL INSULATION



ABOUT US & MISSION & VISION

Since 1991, Formplast has been producing *EPP, PUR, Thermoform ve Converting* parts to be used not only for conventional isolation applications but also acoustic insulation, light weight and impact resistance applications mainly for automotive, white goods and heating-cooling-ventilation industries according to technical requirements of its customers.

Our Mission

Is to be our customers' solution partner and maximize their satisfaction by producing and delivering goods always flawless, in desired quality and "just in time"; and to create all opportunities to our employees for their self-development, and to protect our environment at maximum.

Our Vision

Is to be a leading company in its own sector, which has high-tech equipment and infrastructure, follows the change closely, supplies goods to the leading companies of Turkey and the world with its expert and happy employees, and carries out its activities without compromising respect for the environment and ethical rules.

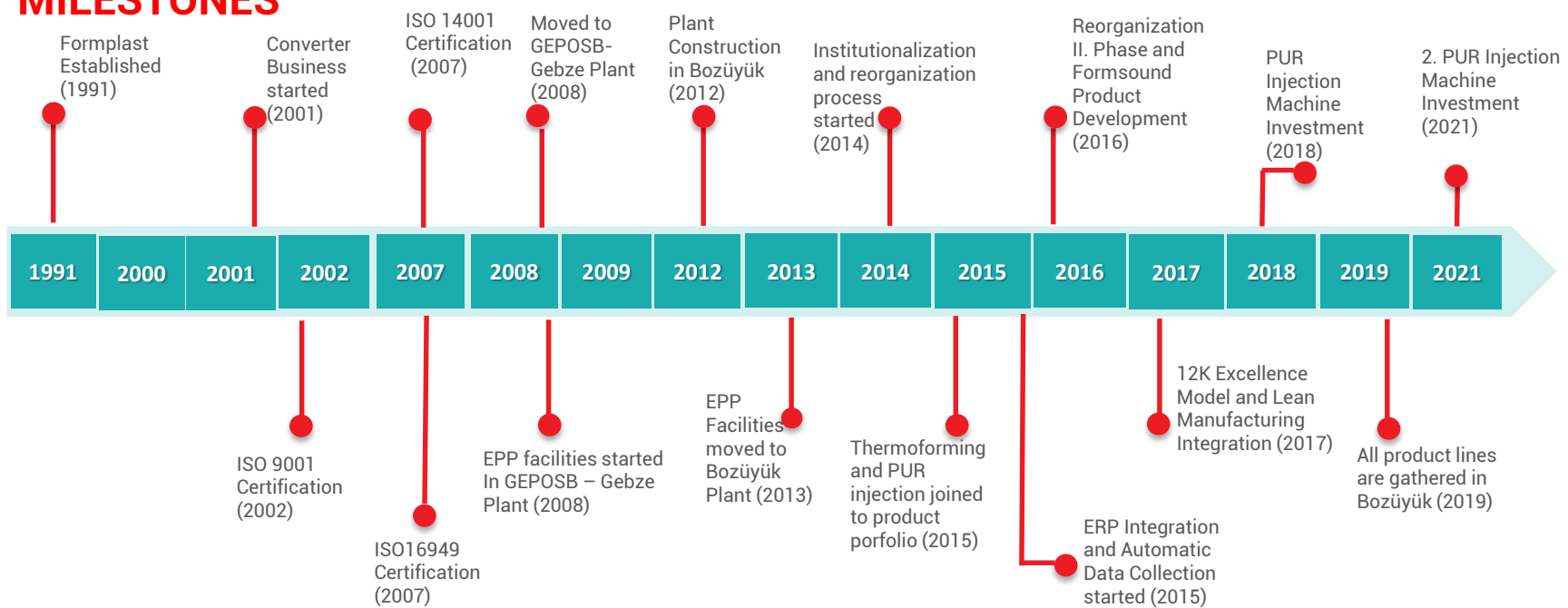


QUALITY & ENVIRONMENTAL POLICY

- To supply our products to customers “just in time” with high quality and fair market prices to meet their all expectations.
- To continuously improve efficiency and productivity of our processes.
- To improve comfort and competency of our employees.
- To also improve the quality standards of our suppliers.
- To follow technological developments in order to improve our competitiveness in accordance with altering market circumstances.
- Adhere to all legal and special conditions, and continously improve performance of Environmental Management System,
- Considering environmental conditions, to establish methods to prevent pollution at its source before it happens.
- To make good use of our wastes which ocur during our operations via recycling or reuse.
- To protect the environment in which we work and to use natural resources effectively.
- To improve environmental consciousness.



MILESTONES





FACTS & FIGURES

30 YEARS EXPERIENCE

PRODUCTION CAPABILITY

FOAM CONVERTING

THERMOFORMING

EPP INJECTION

PUR INJECTION

210 Employees



40 White Collar



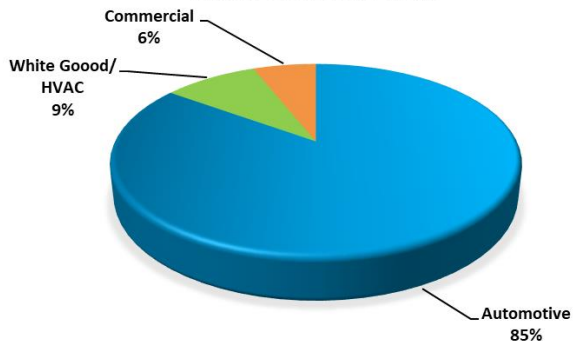
170 Blue Collar

PATENTS



EASY PARK[®]
FORMSOUND[®]

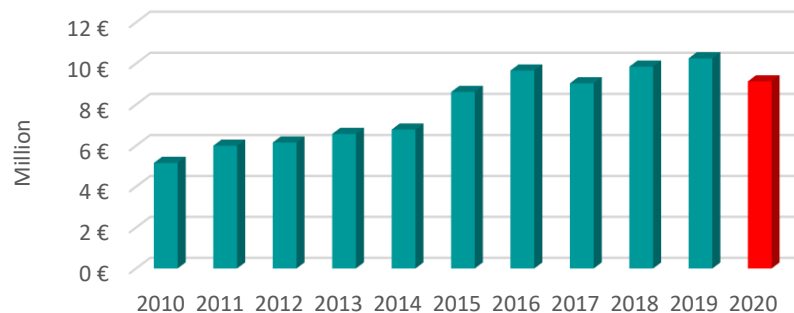
SALES DISTRIBUTION



LOCATIONS

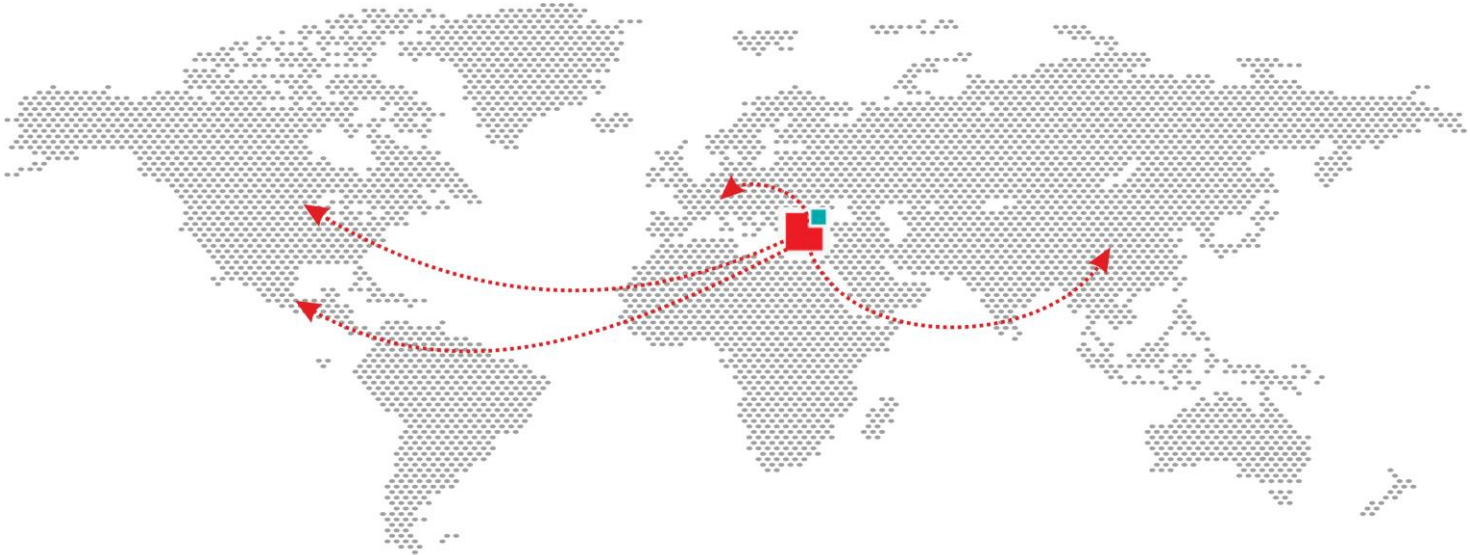


SALES TREND





EXPORT



United States



Mexico



France



Germany



Slovakia



Serbia



Romania



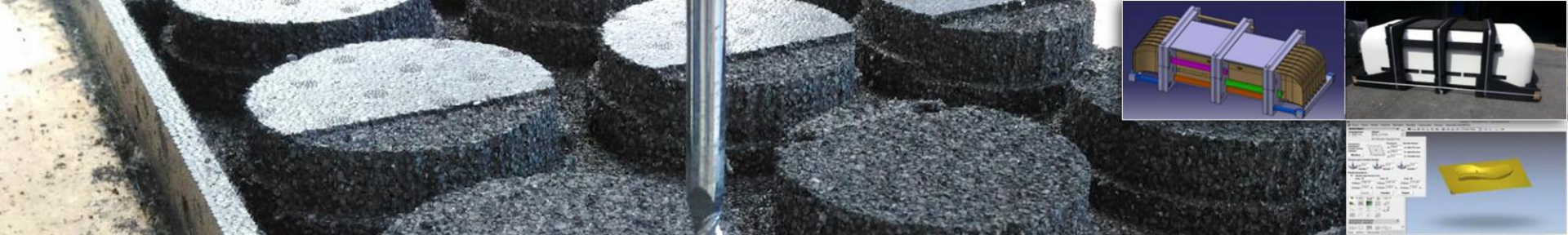
China





Formplast, as being 90% project based working company, operates with a project management culture and discipline in line with IATF 16949:2016 and VDA6.3 standards which covers all kind of industrial area.

Formplast



DESIGN / PROTOTYPE

Formplast can perform R&D, Product Development and prototype activities according to the customer requirements by using the up-to-date softwares and engineering calculations in EPP, thermoformed parts and sealing fields either from scratch or with 2D/3D data in a short time.

Based on the test and assembly results of the first prototype related tools are prepared and moved to serial production after making the final design.

To make an EPP prototype part 3D router machine is used, for other 3D formed or die-cut converted sealing prototype parts various single cavity tools can be used.



Effective from 02/03/2021, FORMPLAST
entitled to be the «DESIGN CENTER» by
the ministry of industry and Technology.





PRODUCTION CAPABILITY



DIE CUT
max 550x550



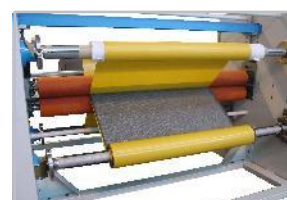
KISS CUT
max 600x400 mm



CUTTER
max 2000x2000mm



CYLINDER PRES
max 2000x1500 mm



LAMINATION
max 1400mm



DIMENSIONING
max 1500mm



SPLITTING MACHINES
max 1250x2500mm



BOBBIN CUT
max 2000mm



FREQUENCY WELDING



THERMOFORMING
max 1200*1600



EPP INJECTION
max 1300x1800mm



PUR FOAM MOULDING MACHINE

PRODUCTS



TECHNICAL FOAMS



ACOUSTIC FELTS



FORMSOUND[®]



EPP

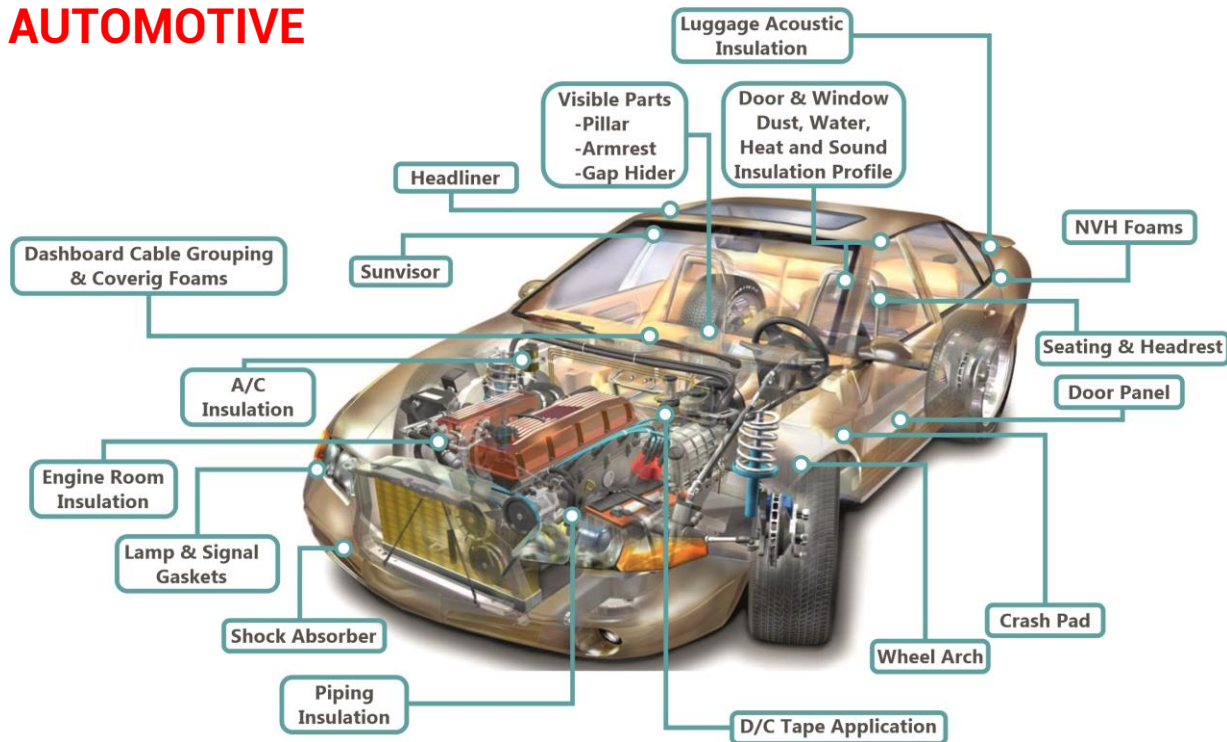


THERMOFORM

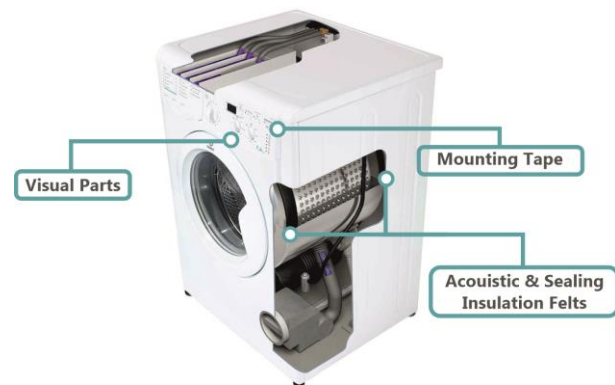
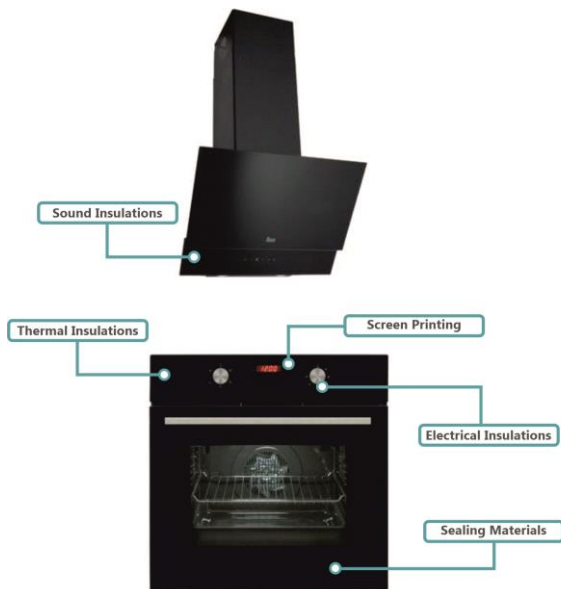


PUR

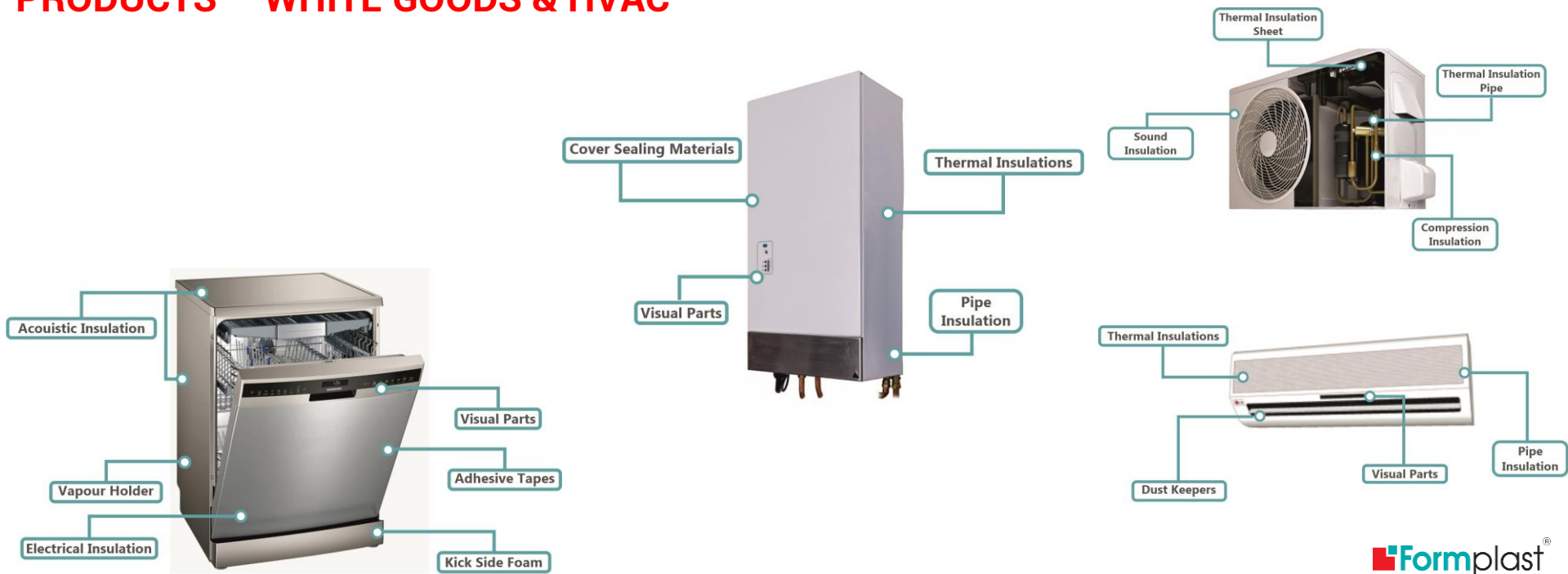
PRODUCTS - AUTOMOTIVE



PRODUCTS – WHITE GOODS & HVAC



PRODUCTS – WHITE GOODS & HVAC





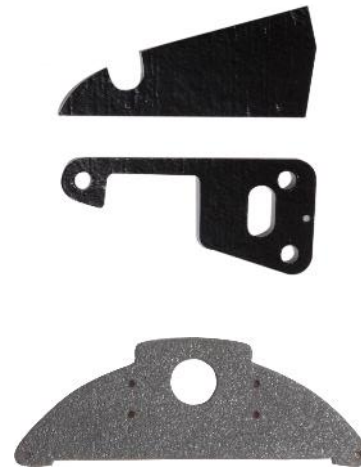
Polyurethane(PUR) foam;

- Open/Closed Cell
- Ether-Ester based foam
- Non-flammable acoustic foam
- Cheap Foam(Bondex)
- Filtration Foam
- Thermoformable acoustic foam
- **FORMCELL-15kg/m3**
- Melamin foam(BASF)



EPDM ;

- Open cell EPDM
- Semi – Closed cell EPDM
- Closed cell EPDM



Polyethylene ;

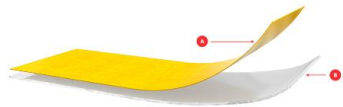
- Chemical Crosslink PE
- Physical Crosslink PE
- Second Foam PE
- Extruded PE



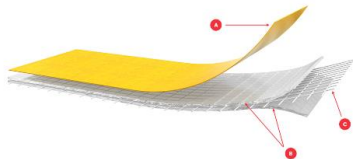
Other Foams;

- Silicon Foam
- PVC foam
- Elastomeric Rubber Foam
- EVA foam

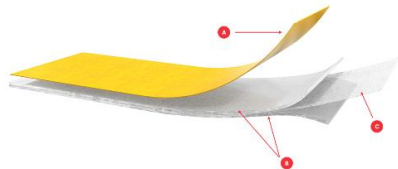
TRANSFER TAPE



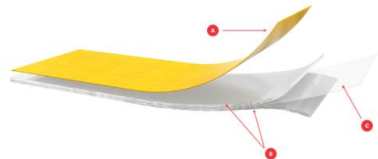
DOUBLE-SIDED SCRIM TAPE



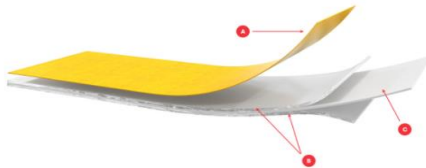
DOUBLE-SIDED NON-WOVEN / TISSUE TAPE



DOUBLE-SIDED OPP / PET TAPE



DOUBLE-SIDED PE FOAM TAPE



SURFACE PROTECTION FILM
(Transparent –B&W)



ACRYLIC FOAM TAPE
(Transparent –Grey –Black)





Natural Fiber Felts;

- Cotton felt
- Epoxy felt
- Wool felt
- Phenolic felt
- BICO felt



Mineral Wool

- Rock wool
- Glass wool



Polypropylene Felt

- Meltblown



Polyester Felt

- Water Oil Repellent PES felt
- Anti-rattle non-woven felts



FORMPLAST's patented product FORMSOUND® is a series of high performance light weight acoustic insulation material, composed of special polyester fibers.



VALIDATED



arçelik

FORMSOUND



FORMPLAST Acoustic Insulation

FORMSOUND® 45025

Technical Data Sheet

General Description

FORMPLAST's patented product FORMSOUND® is a series of high performance light weight acoustic insulation material, composed of special polyester fibers. Parts can be offered as sealed on all edges for external applications. It is compressible which brings the advantage of filling irregular spaces between trim panels. FORMSOUND® can be ultrasonic welded on plastic parts or can be bonded with adhesive tape.

Physical Properties (Typical values)

Thickness	25mm
Surface weight	450 gr/m ² (web and scrim)
Flammability	0 mm/min as per FMVSS 302
Temperature Stability	120°C
Color	White

Applicable area

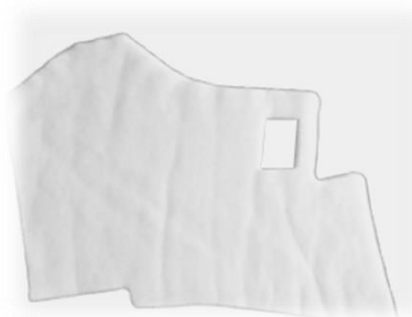
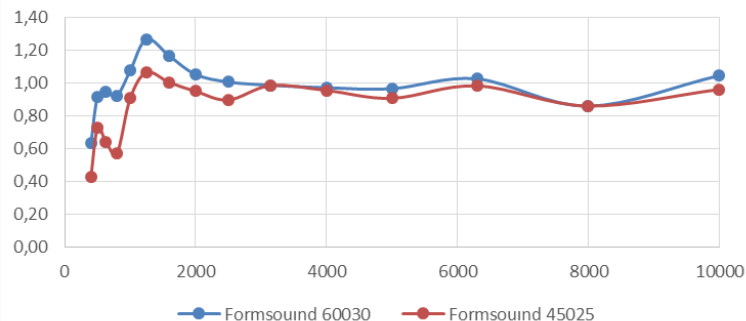
FORMSOUND can be used on door trim panel, def-nozzle, I/P Panel, Headliner, Wheel Guard, Cowl side trim, luggage side, pillar trim, package tray and body side trim panels.



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Issue Date: 01/2018

Formsound Alpha Cabin-Sound Absorption Results

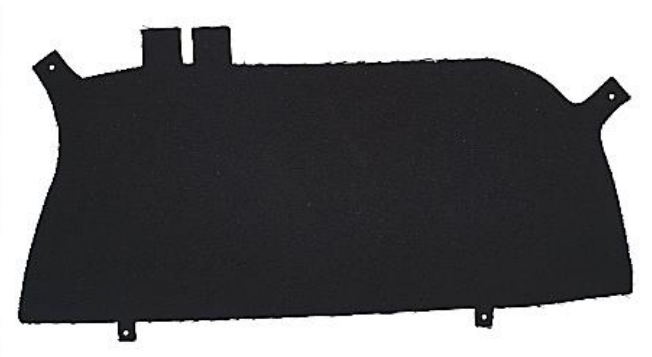




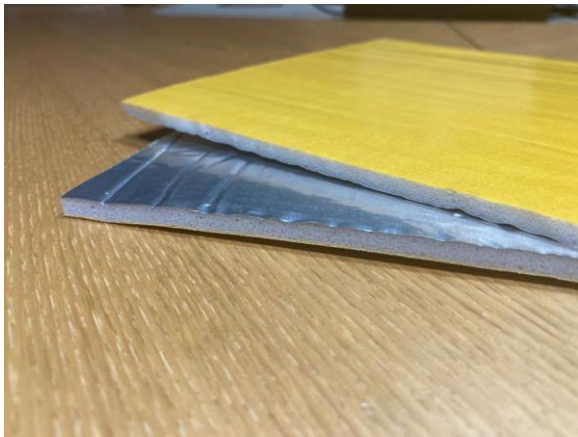
TEP ARTIFICIAL LEATHER GAP HIDER
(X82 RENAULT TRAFIC)



PRINTED NON-WOVEN PILLAR FABRIC
(290 B TOYOTA COROLLA)



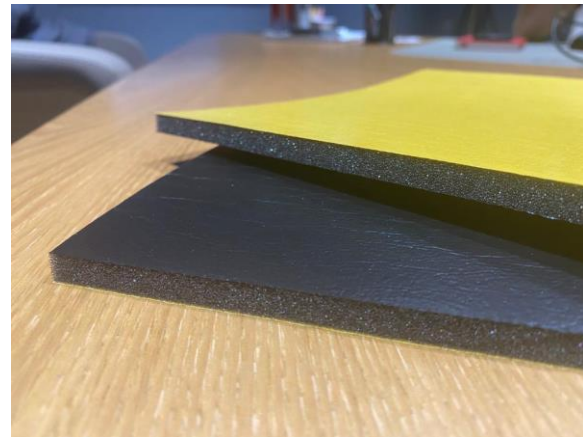
FABRIC + PUR ARM REST (865A TOYOTA YARIS)



FOAM+ ALUMINUM +
ADHESIVE APPLICATIONS



FOAM+ HEAVY LAYER+
ADHESIVE APPLICATIONS



FOAM+ PROTECTIVE FILM+
ADHESIVE APPLICATIONS



Mercedes Bus Air Conditioning Unit



Renault Clio Shroud Pad



VW Sharan
Sunvisor



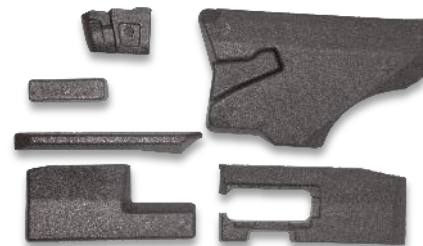
Ford Transit
Tool Box



Ford Transit
Headrest



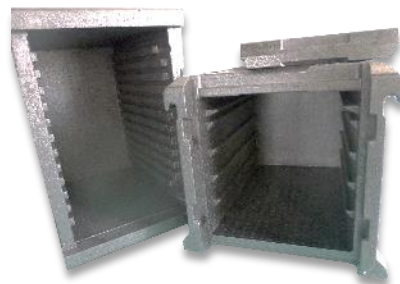
Hyundai i10-i20 Bumper Shock Absorber



Honda Civic Floor Carpet Support Pads



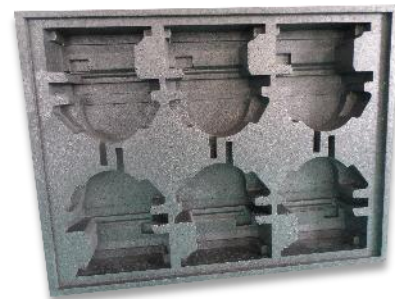
Quick Service Kit for Commercial Refrigerator



Thermobox Hot Meal Travelling Box



Reusable/Foldable Boxes



Reusable Boxes with Separator



Lightweight Ironing Board



Thermal Jacket for Boiler



Corner Guard for Radiator



Rocket Cap



Rack and Car Park Column Protection



Ford Cargo
Noise Shield for Motor Room
Material: BASF Melamin Foam



Jaguar F-PACE
Noise Shield (cut and seal)
Material: Formsound



Ford Transit
Heat Shield for Motor Cover
Material: Aluminium Foil + Glass Fiber



Mercedes Truck-
Heat and Noise Shield for Motor Room
Material: Panox + Phenolic Felt + Rockwool



Renault Fluence
Noise Absorber
Material : Water Oil Repellent NW + Phonolic Felt



Renault Clio Sound
Absorber for Wheel Arch



Renault Megane Sound
Absorber for Wheel Arch



Ford Transit HVAC Insulator



CERTIFICATES



ISO14001: 2015



ISO 9001:2015



IATF16949 : 2016



LABORATORY (MECHANICAL AND MATERIAL TESTS)



EXTENSOMETER



CLIMATIC CHAMBER



FOGGING



OWEN FOR AGING



AIR PERMEABILITY



FLAMMABILITY



TABER
ABRASION



WATER ABSORPTION
UNDER VACUUM



PRECISION SCALE



LABORATORY (ACOUSTIC TESTS)



IMPEDANCE TUBE



ALPHA CABIN



CONTACT US

HEAD QUARTER



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