



# STANDARTPLAST

## Soundproofing

### Catalog

[stp-world.com](http://stp-world.com)

# STP STANDARTPLAST LLC

## COMFORT, SAFETY, ADVANTAGE

### Our Customers:

**OEMs, Tier 1s:** Ford Sollers, VW, Nissan, Treves, Faurecia, Magna, NVH Rus, Derways, PHR, AD Plastic, GAZ, AutoVAZ, GM - AutoVAZ, UAZ.

**Aftermarket (acoustic tuning):** Russia, EU, Asia, the USA

**Architectural and industrial acoustics:** «Acoustic solutions», «MMS»

**Carriages:** «Metrovagonmash», «TVZ», «BMZ», «Uralskiye lokomotivy»

**Machine Industry:** «MTZ», «Rostselmash», «Mogilevliftmash», «Arsmash», «VMTZ», Komatsu etc.

**Aircraft industry:** Vemina Aviaprestige, «KB n.a. Ilushina», «Kazanian helicopter plant, «KB n.a. Suhogo»

### Our Production:

«Standartplast» LLC has 4 production plants.

The produced materials has several trends:

- Vibro-damping materials on the basis of bitumen and mastic
- Soundproofing materials on the basis of PU, PPE
- Molded EPP parts
- Molded soundproofing parts on the basis of PU foam
- Aluminum heat shields
- PU foams production

*Lean Production and cost reduction are the basis of continual improvement process.*

### Our Quality:

«Standartplast» Quality Management System is certified:

**ROHS  
COMPLIANT**

**ISO 9001: 2000**



**ISO 16949**

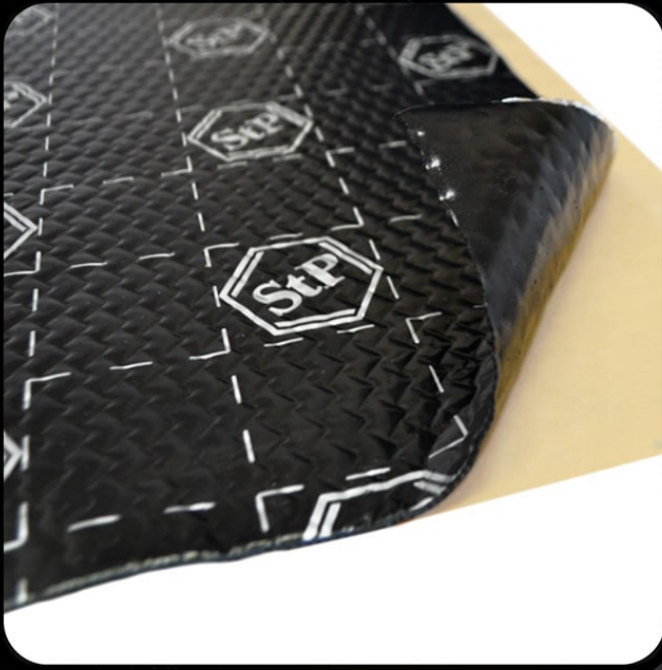


**ISO 14001: 2004**





# Silver Line



**Thickness:** 1,8 mm

**Mechanical loss factor\*:** > 0,2

\*Measurement data displays on the +20°C

**Foil thickness:** 60 micron

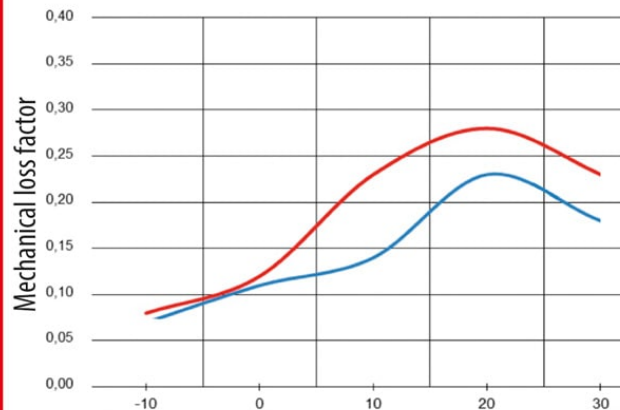
**Weight:** 3 kg/m<sup>2</sup>

## STP Black Silver

*The most popular vibro damper!*

### Application:

Doors, Roof, Fire-wall, Wheel arches,  
Trunk compartment, Bonnet, Trimming.



Measurements of the mechanical loss at temperatures\*  
\*Measurements made by the independent laboratory «Autoplasic»  
(has the certificate of the RusAccreditation - full member of APLAC)

— STP Black Silver — The ordinary material

## STP Black Silver Shop/Bulk/Door Pack

**Package size:**

0,8/4,5/2 m<sup>2</sup>

**Package contains:**

8/12/20 sheets

**Sheet size:**

375x265/375x530/375x265 mm





# Silver Line

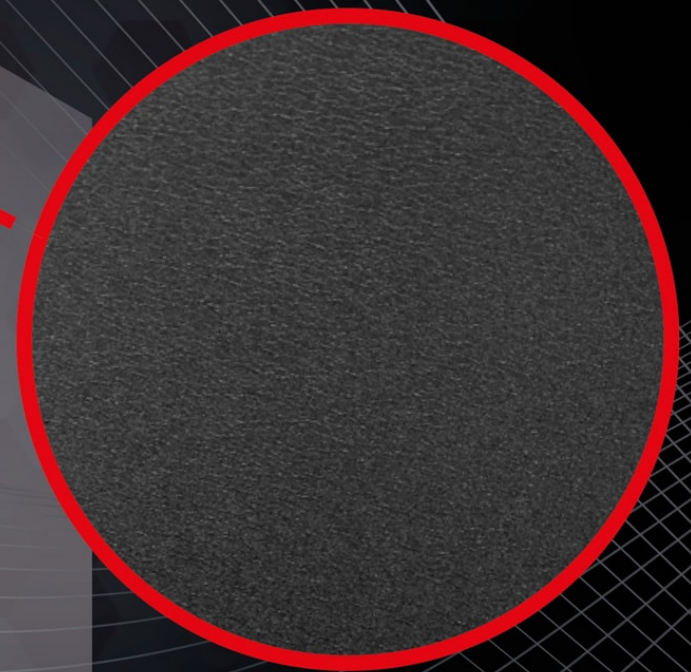


## STP Splen

*The most popular thermal insulation!*

### Application:

Doors, Roof, Plastic panels inside the passenger compartment.



**Thermal conductivity:** 0,038 W/(mk)

**Thickness:**

4 mm

8 mm

## STP Splen 4/8

**Package size:**

3,75/2,25 m<sup>2</sup>

**Package contains:**

20/12 sheets

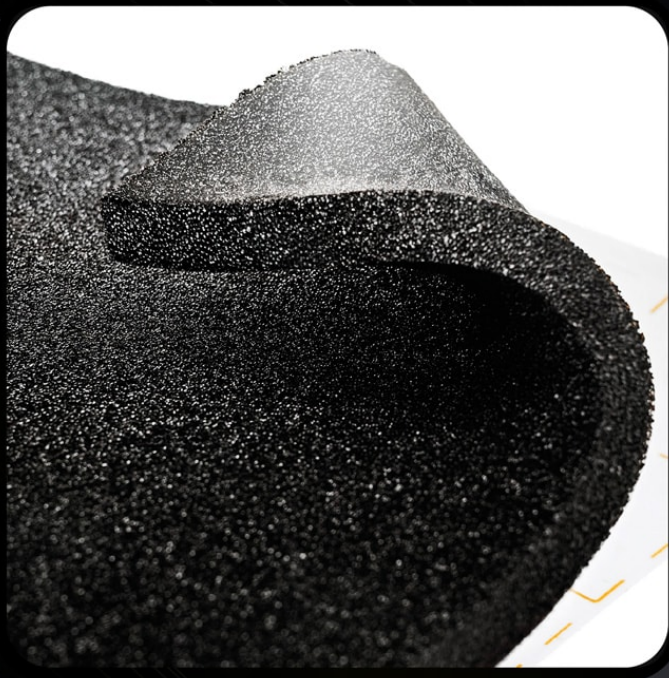
**Sheet size:**

375x500 mm





# Gold Line



## STP Biplast

*The best of noise absorption!*

### Application:

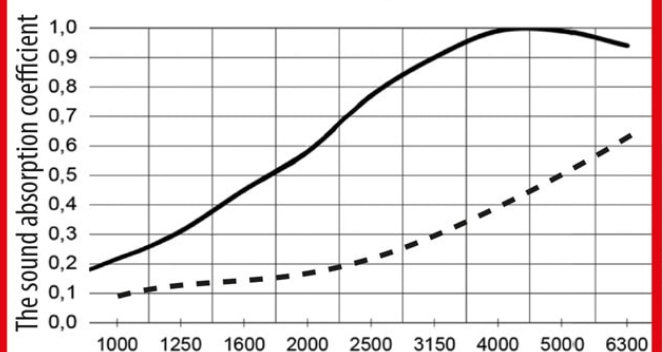
Doors, Roof, Plastic panels inside the passenger compartment.

**Thermal conductivity:**  $< 0,025 \text{ W/(mk)}$

**Thickness:** 5/10/20/25 mm



### The most effective absorption of noise!



The dependence of noise absorption coefficient on frequency\*

\*Measurements made by the independent laboratory «Autoplastic» (has the certificate of the RusAccreditation - full member of APLAC)

— STP Biplast

--- The ordinary material (Felt)

## STP Biplast 05/10/20/25

### Package size:

3,75/1,87/0,94/0,75 m<sup>2</sup>

### Package contains:

20/10/5/4 sheets

### Sheet size:

375x500 mm



# Gold Line



## STP Black Gold

*The best for car audio!*

### Application:

Doors, Roof, Fire-wall, Wheel arches,  
Trunk compartment, Bonnet, Trimming.

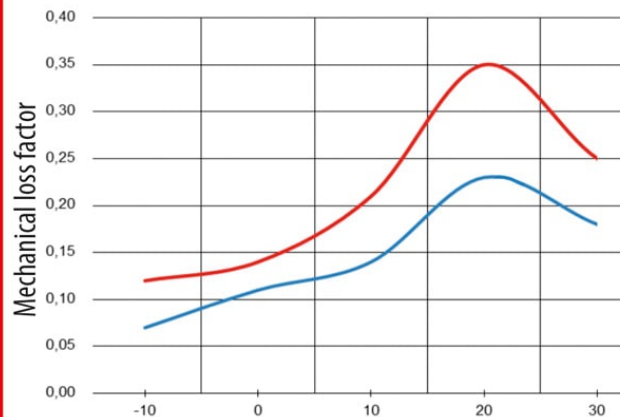
**Thickness:** 2,3 mm

**Mechanical loss factor\*:** > 0,3

\*Measurement data displays on the +20°C

**Foil thickness:** 100 micron

**Weight:** 3 kg/m<sup>2</sup>



Measurements of the mechanical loss at temperatures\*

\*Measurements made by the independent laboratory «Autoplastic»  
(has the certificate of the RusAccreditation - full member of APLAC)

— STP Black Gold — The ordinary material

## STP Black Gold

**Package size:**

4,5 m<sup>2</sup>

**Package contains:**

12 sheets

**Sheet size:**

750x500 mm





# Diamond Line



**Thickness:** 2,3 mm

**Mechanical loss factor:**

0°C – 0,2; 10°C – 0,35; 20°C – 0,33

**Foil thickness:** 100 micron

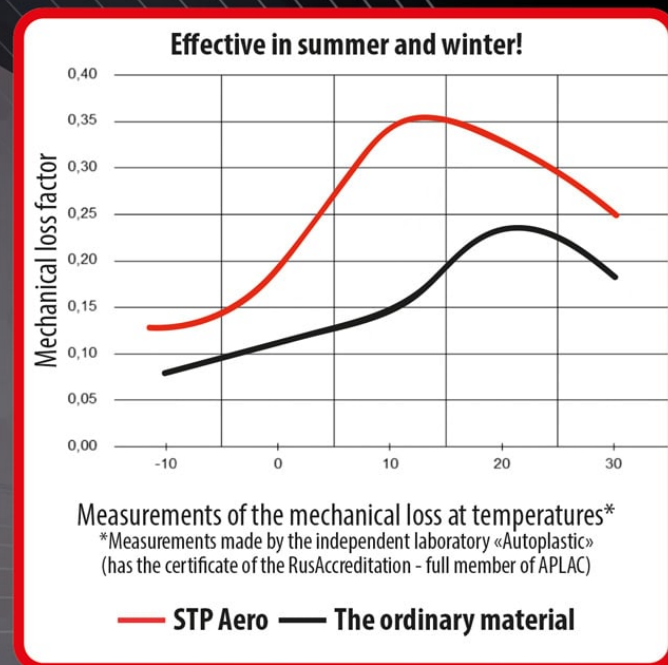
**Weight:** 3 kg/m<sup>2</sup>

## STP Aero

*Most effective and light weight!*

**Application:**

Doors, Roof, Fire-wall, Wheel arches,  
Trunk compartment, Bonnet, Trimming.



**STP Aero**

**Package size:**

4,5 m<sup>2</sup>

**Package contains:**

12 sheets

**Sheet size:**

750x500 mm





# Diamond Line



## STP Bomb Aero

*Best damper!*

**Application:**

Floor, Fire-wall, Wheel arches,  
Trunk compartment.

**Thickness:** 4,2 mm

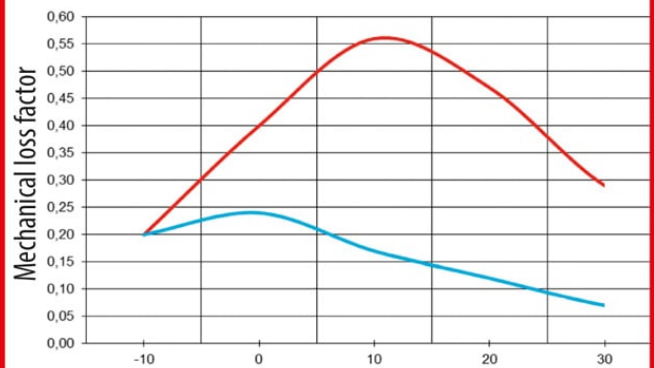
**Mechanical loss factor\*:** > 0,5

\*Measurement data displays on the +20°C

**Foil thickness:** 100 micron

**Weight:** 6 kg/m<sup>2</sup>

Effective in summer and winter!



Measurements of the mechanical loss at temperatures\*

\*Measurements made by the independent laboratory «Autoplasic»  
(has the certificate of the RusAccreditation - full member of APLAC)

— STP Bomb Aero — The ordinary material



**STP Bomb Aero**

**Package size:**

2,4 m<sup>2</sup>

**Package contains:**

12 sheets

**Sheet size:**

375x530 mm



# Diamond Line

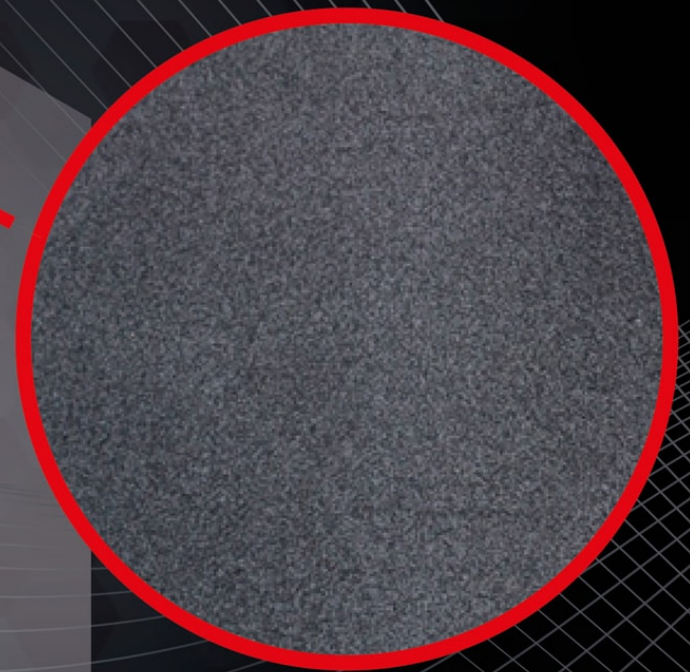


## STP AeroFlex

*The best of thermal insulation!*

### Application:

Floor, Fire-wall, Wheel arches,  
Trunk compartment.



**Thermal conductivity:**  $< 0,038 \text{ W/(mk)}$

**Thickness:**

6 mm

10 mm

## STP AeroFlex 6/10

**Package size:**

3/1,87 m<sup>2</sup>

**Package contains:**

16/10 sheets

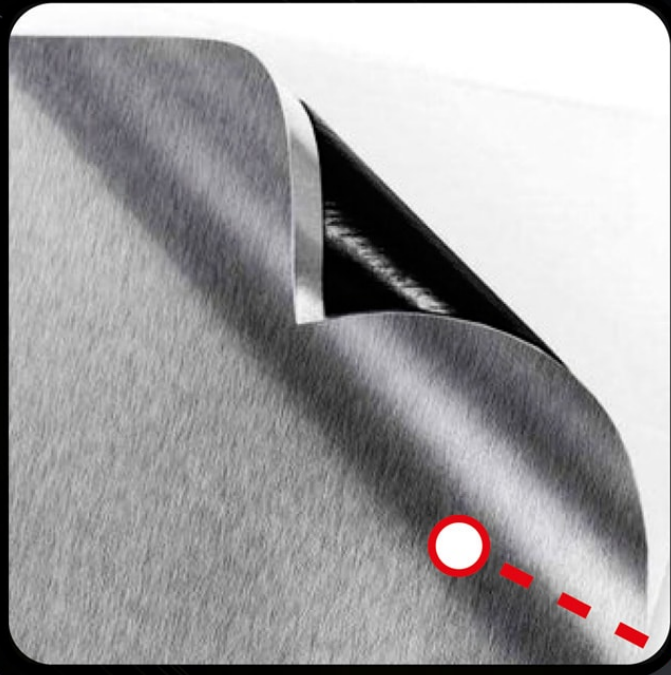
**Sheet size:**

375x500 mm





# Diamond Line



## STP AeroAlum

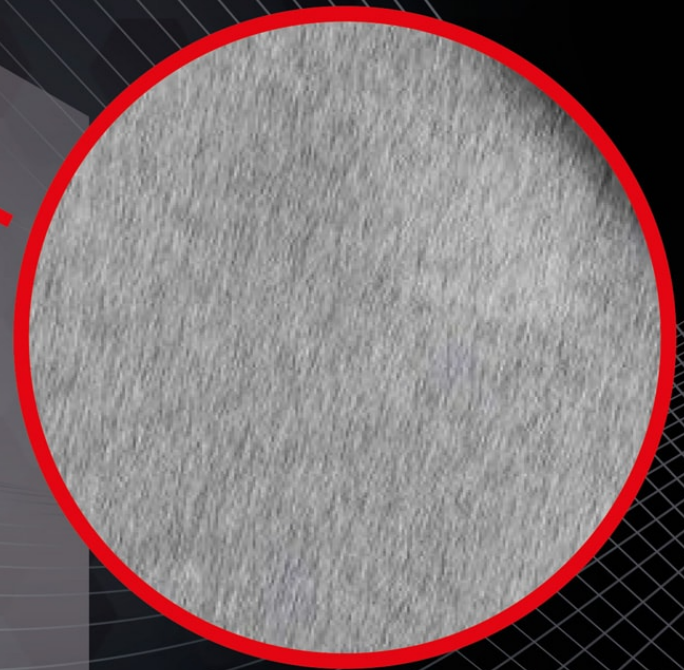
*Thinnest sealant material available!*

### Application:

Doors,  
Technical holes.

**Thickness:**

0,3 mm



### STP AeroAlum

**Package size:**

1,12 m<sup>2</sup>

**Package contains:**

6 sheets

**Sheet size:**

375x500 mm





# RECOMMENDATIONS FOR USE:

**DIAMOND LINE:** the most effective deadening **GOLD LINE:** for car audio **SILVER LINE:** basic of noise solution

## DIAMOND LINE:

1st: STP Aero 2nd: STP AeroFlex  
Technical holes:  
1st: STP AeroAlum 2nd: STP Aero  
Plastic panels: STP Biplast



# DOORS

## GOLD LINE:

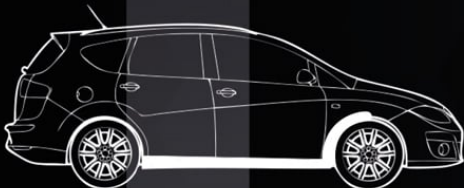
STP Black Gold  
Technical holes:  
1st: STP AeroAlum 2nd: STP Black Gold  
Plastic panels: STP Biplast

## SILVER LINE:

1st: STP Black Silver  
2nd: STP Splen  
Technical holes: STP Black Silver

## DIAMOND LINE:

Fire-wall, wheel arches, tunnel:  
1st: STP Bomb Aero 2nd: STP Biplast  
Floor:  
1st: STP Aero 2nd: STP AeroFlex



# FLOOR

## GOLD LINE:

Fire-wall, wheel arches, tunnel:  
1st: STP Bomb Aero 2nd: STP Biplast  
Floor:  
1st: STP Black Gold 2nd: STP Splen

## SILVER LINE:

1st: STP Black Silver  
2nd: STP Splen

## DIAMOND LINE:

Wheel arches:  
1st: STP Bomb Aero 2nd: STP Biplast  
Floor:  
1st: STP Aero 2nd: STP AeroFlex



# TRUNK

## GOLD LINE:

Wheel arches:  
1st: STP Bomb Aero 2nd: STP Biplast  
Floor:  
1st: STP Black Gold 2nd: STP Splen

## SILVER LINE:

1st: STP Black Silver  
2nd: STP Splen

## DIAMOND LINE:

1st: STP Bomb Aero  
2nd: STP Biplast



# ROOF

## GOLD LINE:

1st: STP Black Gold  
2nd: STP Biplast

## SILVER LINE:

1st: STP Black Silver  
2nd: STP Splen



**STANDARTPLAST**