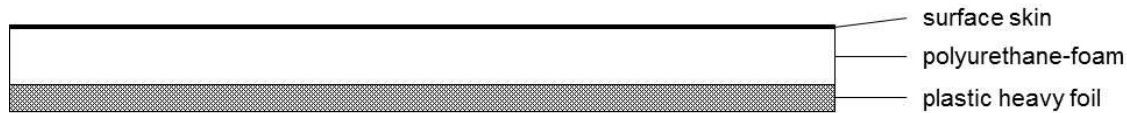


Technical Data Sheet

S 3705a/-3.0



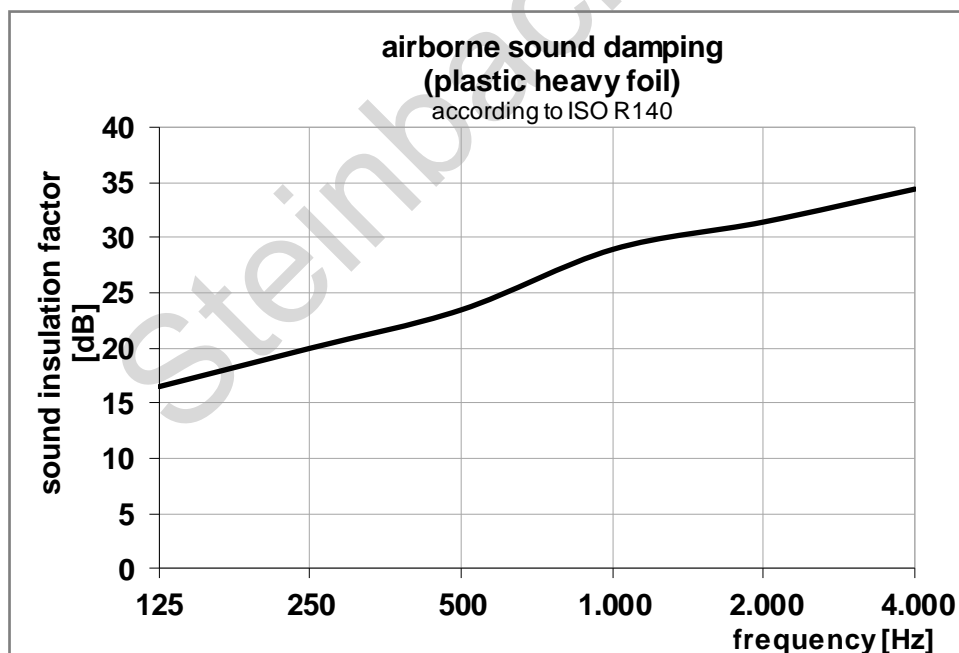
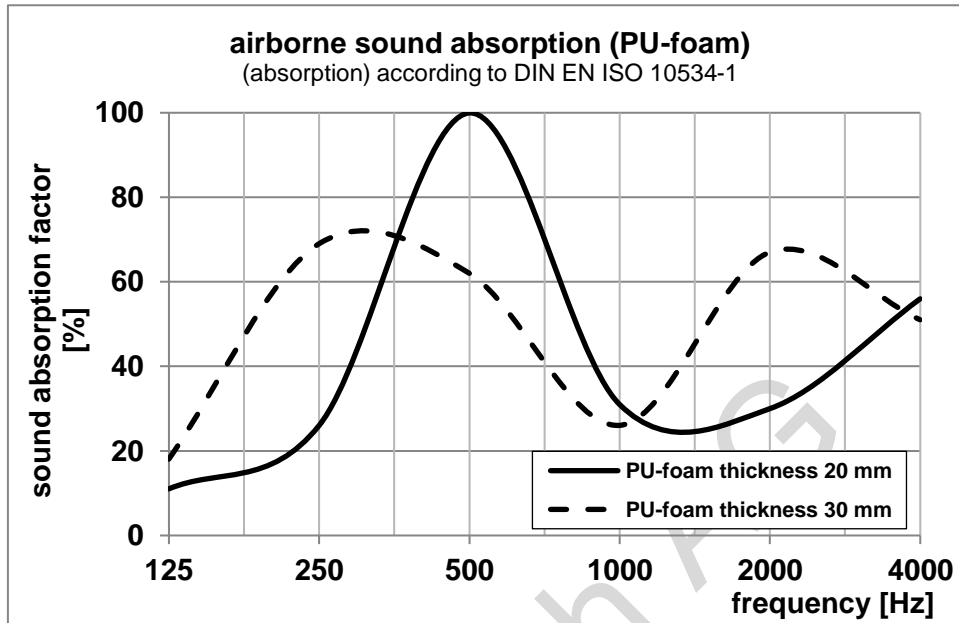
S 3705a/-3.0 is an open-cell polyurethane-foam (polyether) with an air-tight, mechanical resistant black polyurethane-foil as a covering layer, laminated on a flexible plastic heavy foil filled with natural minerals.

| Technical Data | | | | | |
|-----------------------------|----------------------|-----------------|-----------|------------|------------|
| Type (S 3705a/...) | | 15-3.0 | 20-3.0 | 30-3.0 | 45-3.0 |
| Thickness (approximate) | [mm] | 18.0 | 23.0 | 33.0 | 48.0 |
| Weight (approximate) | [kg/m ²] | 7.9 ± 0.8 | 8.0 ± 0.8 | 8.26 ± 0.8 | 8.65 ± 0.8 |
| Thermal stability long term | [°C] | 65 | | | |
| Cold resilience | [°C] | - 30 | | | |
| Heat conductivity DIN 52612 | [W/mK] | 0.033 (foam) | | | |
| Combustibility FMVSS 302 | [mm/min] | burn rate < 100 | | | |

- Main function:** Airborne sound absorption (absorption) and airborne sound insulation
- Applications:** Sound insulating cabins, vehicle cabs, mechanical engineering, partition walls, electrical apparatus construction, enclosures etc.
- Processing:** Mechanical attachment
 In order to prevent a sound insulation loss, joints should be sealed, as well the heavy foil should be bonded together with the whole surface to the ground.
 Cut with knife, saw or scissors
 Processing temperature: 18 - 25 °C
- Option:** Also available as self-adhesive equipment
- Specials:** The surface is resistant against penetration and quelling by water, oil, gasoline and gasoil
- Storage conditions:** Dry at temperatures between 18 - 25 °C
 Max storage time: unlimited
- Delivery forms:** Standard boards 1,000 x 1,250 mm untrimmed, other sizes and cut-to-size pieces upon request.

Technical Data Sheet

S 3705a/-3.0



The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.