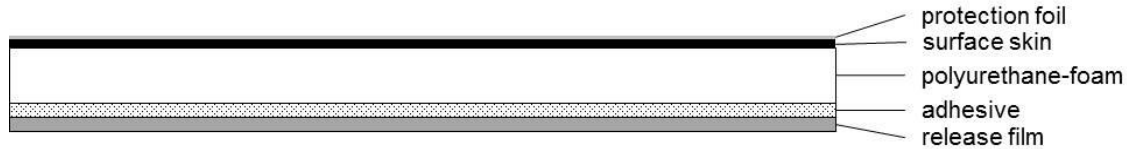


Technical Data Sheet

M 1421



M 1421 is a polyurethane-foam (polyether), surface skin with a grey polyurethane-foil. Self-adhesive equipment with a high-quality adhesive system based on acrylate.

| Technical Data | | | | |
|-----------------------------|----------------------|-----------------|-------------|-------------|
| Type (M 1421/...) | | 10* | 20 | 25 |
| Thickness (approximate) | [mm] | 10.0 | 20.0 | 25.0 |
| Weight (approximate) | [kg/m ²] | 0.45 ± 0.05 | 0.73 ± 0.07 | 0.87 ± 0.08 |
| Thermal stability 24h | [°C] | 100 | | |
| Cold resilience | [°C] | - 35 (bonded) | | |
| Peel resistance | [N/mm] | > 0.3 | | |
| Combustibility FMVSS 302 | [mm/min] | burn rate < 100 | | |

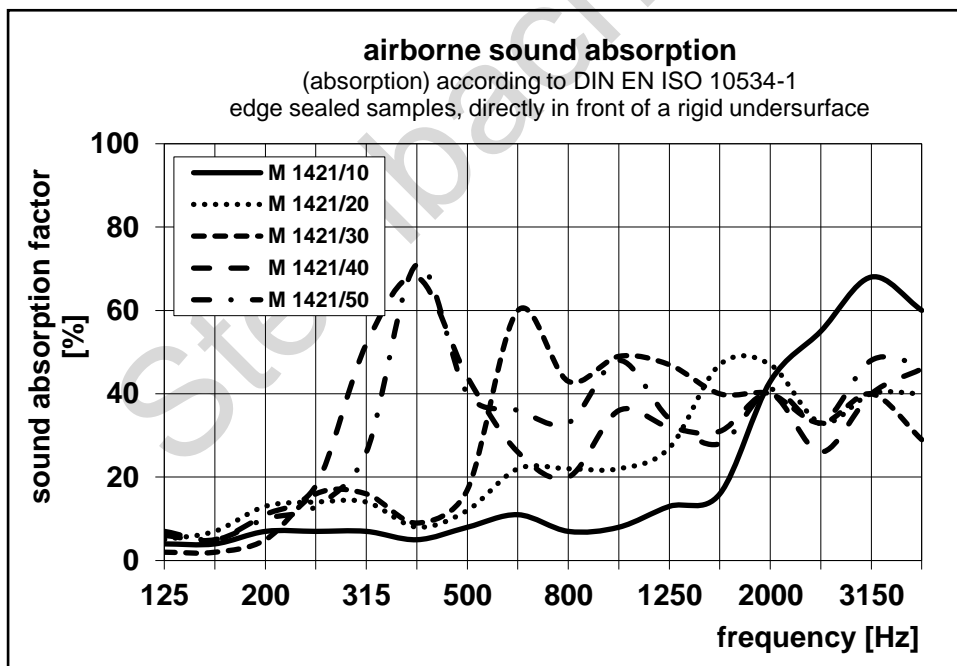
| Technical Data | | | | |
|-----------------------------|----------------------|-----------------|-------------|-------------|
| Type (M 1421/...) | | 30* | 40 | 50 |
| Thickness (approximate) | [mm] | 30.0 | 40.0 | 50.0 |
| Weight (approximate) | [kg/m ²] | 1.1 ± 0.1 | 1.29 ± 0.13 | 1.75 ± 0.17 |
| Thermal stability 24h | [°C] | 100 | | |
| Cold resilience | [°C] | - 35 (bonded) | | |
| Peel resistance | [N/mm] | > 0.3 | | |
| Combustibility FMVSS 302 | [mm/min] | burn rate < 100 | | |

***Attention: Material thickness only available with black polyurethane-foil, but without protection foil.**

Technical Data Sheet

M 1421

- Main function:** Airborne sound absorption (absorption)
- Applications:** Sound insulating cabins, vehicle cabs, mechanical engineering etc.
- Processing:** The surface must be carefully cleaned from dust, grease, oil and water. Full area adhesion has to be insured. The adhesion strength is directly dependent from the processing pressure. The material has to be pressed in firmly, e.g. using a feed roll.
The protection foil must be removed after the assembly!
Processing temperature: 18 - 25 °C
- Specials:** The surface is resistant against penetration and quelling by oil, gasoline, gasoil, water
- Storage conditions:** Dry at temperatures between 18 - 25 °C
Max storage time: 6 months
- Delivery forms:** Rolls, available 1,000 mm wide,
other sizes, rolls and cut-to-size pieces upon request.



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.