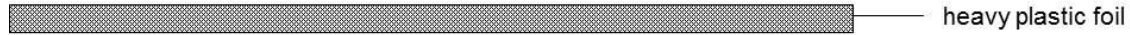


## Technical Data Sheet

## S 3615a/4



S 3615a/4 is a flexible heavy foil based on polyethylene-foam (PE-foam).

| Technical Data                    |                      |  |
|-----------------------------------|----------------------|--|
| Thickness (approximate)           | [mm]                 | 4.0  |
| Weight (approximate)              | [kg/m <sup>2</sup> ] | 1.6  |
| Density (approximate)             | [kg/m <sup>3</sup> ] | 400.0  |
| Thermal stability long term       | [°C]                 | 100  |
| Cold resilience                   | [°C]                 | - 40 (bonded)  |
| Tensile strength ISO 1926         | [kPa]                | at 23 °C lengthwise 2,200<br>crosswise 1,400<br>at 100 °C lengthwise 550<br>crosswise 350              |
| Elongation at break ISO 1926      | [%]                  | at 23 °C lengthwise 45<br>crosswise<br>at 100 °C lengthwise 120<br>crosswise 110                       |
| Compression resistance ISO 3386-1 | [kPa]                | 25 % 660<br>50 % 1,100   |
| Compression set ISO 1856-C        | [%]                  | 50 % compression<br>½ h after load 24<br>removal<br>50 % compression<br>24h after load 16.4<br>removal |
| Combustibility ISO 3795           | [mm/min]             | burn rate < 100  |

**Main function:** Structure-borne sound insulation (anti-drumming) and airborne sound insulation

**Applications:** Mechanical engineering, plant engineering, sound insulating cabins, vehicle cabs etc.

**Processing:** Mechanical attachment  
 Processing temperature: 18 - 25 °C

**Storage conditions:** Dry at temperatures between 18 - 25 °C  
 Max storage time: 6 months

**Delivery forms:** Standard boards 1,000 x 1,600 mm, other sizes 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.