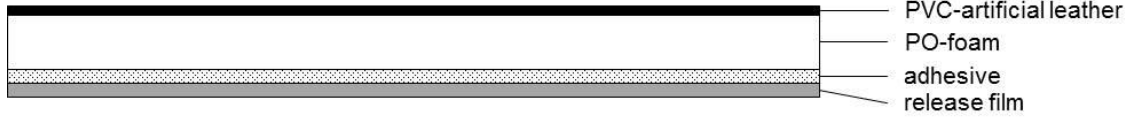


# Technical Data Sheet

# S 3009/...-L/...



S 3009/...-L/... is a closed-cell polyolefin foam (PO), the surface is laminated with a PVC-artificial leather (RAL-colours). Self-adhesive equipment with a high-quality and moisture-resistant modified adhesive system based on acrylate.

| Technical Data                         |                                |                          |            |            |
|--|--------------------------------|--------------------------|------------|------------|
| Type (S 3009/...-L/RAL-colours)        |                                |                          |            |            |
| HE                                     | - light ivory (RAL 1015)       | 8-L/...                  | 10-L/...   | 13-L/...   |
| SIG                                    | - silver grey (RAL 7001)       |                          |            |            |
| ZG                                     | - tent grey (similar RAL 7010) |                          |            |            |
| SW                                     | - black (RAL 9011)             |                          |            |            |
| Thickness (approximate)                | [mm]                           | 8.0 ± 1.0                | 10.0 ± 2.0 | 13.0 ± 1.0 |
| Weight (approximate)                   | [kg/m <sup>2</sup> ]           | 1.37 ± 0.1               | 1.40 ± 0.1 | 1.54 ± 0.1 |
| Thermal stability                      | [°C]                           | 80 (dry)                 |            |            |
| Cold resilience                        | [°C]                           | - 40                     |            |            |
| Compression resistance ISO 844         | [kPa]                          | 25 (at 10 % compression) |            |            |
| Heat conductivity ISO 2581             | [W/mK]                         | 0.034 (PO-foam)          |            |            |
| Water admission (7 days)               | [Vol. %]                       | < 1                      |            |            |
| Combustibility<br>DIN 75200 / ISO 3795 | [mm/min]                       | burn rate < 100          |            |            |

## Technical Data Sheet

## S 3009/...-L/...

| Technical Data                         |                                |                          |                 |                 |
|--|--------------------------------|--------------------------|-----------------|-----------------|
| Type (S 3009/...-L/RAL-colours)        |                                |                          |                 |                 |
| <b>HE</b>                              | - light ivory (RAL 1015)       | <b>18-L/...</b>          | <b>20-L/...</b> | <b>23-L/...</b> |
| <b>SIG</b>                             | - silver grey (RAL 7001)       |                          |                 |                 |
| <b>ZG</b>                              | - tent grey (similar RAL 7010) |                          |                 |                 |
| <b>SW</b>                              | - black (RAL 9011)             |                          |                 |                 |
| Thickness (approximate)                | [mm]                           | 18.0 ± 1.0               | 20.0 ± 2.0      | 23.0 ± 1.0      |
| Weight (approximate)                   | [kg/m <sup>2</sup> ]           | 1.7 ± 0.1                | 1.8 ± 0.1       | 1.9 ± 0.1       |
| Thermal stability                      | [°C]                           | 80 (dry)                 |                 |                 |
| Cold resilience                        | [°C]                           | - 40                     |                 |                 |
| Compression resistance ISO 844         | [kPa]                          | 25 (at 10 % compression) |                 |                 |
| Heat conductivity ISO 2581             | [W/mK]                         | 0.034 (PO-foam)          |                 |                 |
| Water admission (7 days)               | [Vol. %]                       | < 1                      |                 |                 |
| Combustibility<br>DIN 75200 / ISO 3795 | [mm/min]                       | burn rate < 100          |                 |                 |

### Other material thicknesses on request!

**Main function:** Heat insulation, Thermoliner

**Applications:** Vehicle cabs, inner lining, impact protection

**Options:** Different material thicknesses as well as different colors of surfaces from artificial leather are available on request.

**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.  
 Processing temperature 18 - 25 °C

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

**Delivery forms:** Standard boards approx. 1,290 x 2,000 mm  
 (usable approx. 1,270 x 2,000 mm) untrimmed,  
 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.