

## Dimensional tolerances for FOAMALITE® - sheets

### 1. Tolerances of thickness

| Thickness | tolerance | minimum thickness | maximum thickness |
|-----------|-----------|-------------------|-------------------|
| 1 mm      | ± 0,15 mm | 0,85 mm           | 1,15 mm           |
| 2 mm      | ± 0,20 mm | 1,80 mm           | 2,20 mm           |
| 3 mm      | ± 0,25 mm | 2,75 mm           | 3,25 mm           |
| 4 mm      | ± 0,30 mm | 3,70 mm           | 4,30 mm           |
| 5 mm      | ± 0,35 mm | 4,65 mm           | 5,35 mm           |
| 6 mm      | ± 0,40 mm | 5,60 mm           | 6,40 mm           |
| 8 mm      | ± 0,50 mm | 7,50 mm           | 8,50 mm           |
| 10 mm     | ± 0,60 mm | 9,40 mm           | 10,60 mm          |
| 13 mm     | ± 0,75 mm | 12,25 mm          | 13,75 mm          |
| 15 mm     | ± 0,85 mm | 14,15 mm          | 15,85 mm          |
| 19 mm     | ± 1,05 mm | 17,95 mm          | 20,05 mm          |

### 2. Tolerances of width and length

| Size                          | tolerance of width | tolerance of length |
|-------------------------------|--------------------|---------------------|
| Standard sizes                | - 0 mm / + 5 mm    | - 0 mm / + 10 mm    |
| Special sizes cut on extruder | - 0 mm / + 5 mm    | - 0 mm / + 10 mm    |
| Special sizes cut-to-size     | - 0 mm / + 2 mm    | - 0 mm / + 2 mm     |

### 3. Tolerance of squareness

#### Definitions:

s1 is parallel to s2

d1 is at most d2 + 5mm

| Size                   | maximum angle error (E <sub>max</sub> ) |
|------------------------|---|
| Standard sizes         | 2,50 mm                                 |
| Special sizes extruder | 2,50 mm                                 |
| Cut-to-size            | 1,25 mm                                 |

