

# PE foam 301-01

## Sealing Technology Technical Data Sheet

### General compound description

Compound Code	PE foam 301-01
Material description / intended use	PE-foam is a closed-cell material with good properties like low density, excellent weatherability and aging behavior, good noise dampening and thermal insulation and excellent stability against acids, bases and other chemicals.
Color	white
Remarks	Adhesive on one side, acrylic dispersion, solvent-free, temperature resistance -40 °C to + 100 °C, the self-adhesive tape is not FDA-compliant.

### Mechanical properties

Density	45 kg/m <sup>3</sup> DIN 53420
Tensile strength	> 600 kPa DIN 53571
Elongation at break	> 150 % DIN 53571
Compression set	40-50 % DIN 53517 23 °C
	100 % DIN 53517 70 °C

### Thermal properties

Min. operating temperature	-30 °C
Max. operating temperature	+110 °C
Note to operating temperature	approximate value, dependent of the application

### Approvals of this compound

FDA - CFR 21 - 177.1520 food a) - h)

