

Material specifications:

Raw material: LDPE (foam)  
Production method: Extruded with hydrocarbons as blowing agents  
Cell structure: Closed cells

| Physical Properties*                  | Test Method        | Unit                | Value                |
|---------------------------------------|--------------------|---------------------|----------------------|
| Nominal density                       | DIN53420           | kg/m <sup>3</sup>   | 24                   |
| Water absorption                      | ASTM C-272-53      | %                   | 0,5                  |
| Heat conductivity                     | DIN 52612/ ISO8301 | W / mK              | 0,05                 |
| Heat resistance (R)                   | DIN 52612/ ISO8301 | m <sup>2</sup> .K/W | 0,20                 |
| Water vapour resistance*              | SS021582           | S/m                 | 2,44X10 <sup>6</sup> |
|                                       | SS021582           | Sd (m)              | 66                   |
| Compression strength, 25% deformation | DIN53571           | N/mm <sup>2</sup>   | 0,031                |
| Compression strength, 50% deformation | DIN53571           | N/mm <sup>2</sup>   | 0,089                |
| Aging resistance                      | SP 0414            | year                | 50                   |
|                                       | ISO 1798           |                     |                      |
| Air tightness*                        | SP-method 2706     | m <sup>3</sup> /m.h | 0,1                  |

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\*Air tightness maximum 2,0 m<sup>3</sup>/m.h