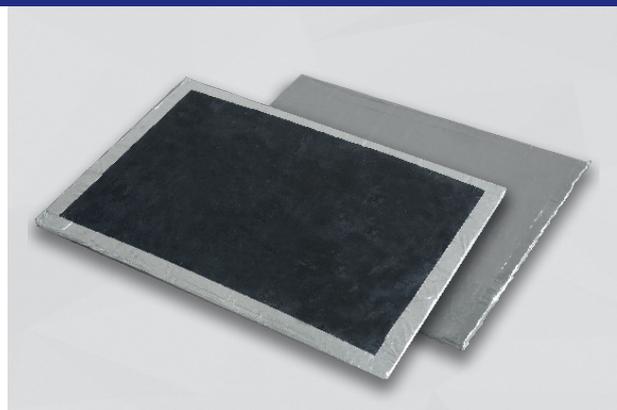


## CELLO® AEROGEL PRO

Cello®AEROGEL PRO is a highly efficient, hydrophobic and flexible material for thermal insulation. Its low thickness of only 5 mm resp. 7 mm makes Cello®AEROGEL PRO the perfect solution wherever a lack of space makes it impossible to use conventional thermal insulation materials.

Unlike the usual, commercially available aerogel products, Cello® AEROGEL PRO is equipped with a special protective layer to prevent the material from releasing dust particles. The protective layer combines two materials for additional advantages: an aluminum foil on top for effective reflection of thermal radiation, and a black film below that makes the surface oil-, water- and fuel-repellent.



### TECHNICAL DATA

<b>FLAMMABILITY</b>	<ul style="list-style-type: none"> <li>▶ FMVSS 302, DIN 75 200, fulfilled</li> <li>▶ ISO 3795, burning rate &lt; 100 mm/min</li> </ul>
<b>TEMPERATURE RESISTANCE</b>	-40°C to +200°C (with mechanical fixation) -40°C to +150°C (without mechanical fixation)
<b>THERMAL CONDUCTIVITY/ GB/T 10294-2008</b>	≤ 0.020 W/(m·K) at 10°C
<b>WEIGHT AEROGEL</b>	5 mm: 1.000 g/m <sup>2</sup> 7 mm: 1.400 g/m <sup>2</sup>

### DIMENSIONS

PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]
AEROGEL PRO	5, 7	± 0.5	1500 X 1250

Other thicknesses / dimensions on request. Ready-to-use parts according to your specifications or drawing.

\*Untrimmed: Effective dimensions guaranteed as ordered, may be exceeded by some layers (foam, film, non-woven etc.).

### MORE INFORMATION

<b>BENEFITS</b>	<ul style="list-style-type: none"> <li>▶ High temperature resistance</li> <li>▶ Very good thermal insulation</li> <li>▶ No absorption of humidity</li> <li>▶ The combination of aluminum foil and black film protects the product against the penetration and accumulation of dust, water, oil, etc.</li> <li>▶ Easy handling thanks to its low weight</li> </ul>
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<b>OPTIONS</b>	AEROGEL PRO NK: no self-adhesive equipment AEROGEL PRO SK: Self-adhesive backing for additional ease of installation. Not for permanent fastening.
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<b>ADVICE</b>	For sealing trimmed edges, we recommend our adhesive tapes Cello® ALU-01 Adhesive tape tested acc. to EN 45545-2, meets requirements R1 + R7 + R17, HL 3 Cello® ALU -01 adhesive tape: water vapor tightness as per ISO 15106-3 fulfilled
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