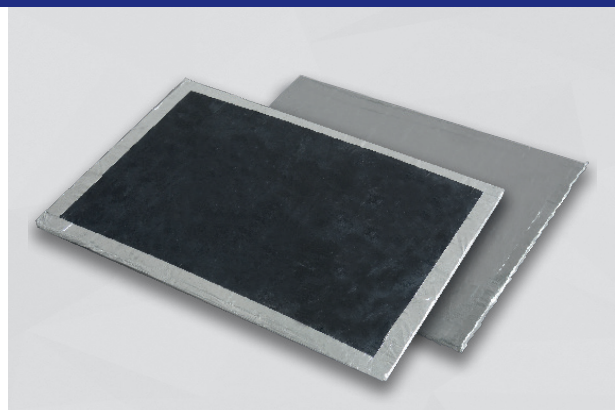




CELLO® AEROGEL PRO

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

FLAMMABILITY	<ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min
TEMPERATURE RESISTANCE	<p>-40°C to +200°C (with mechanical fixation)</p> <p>-40°C to +150°C (without mechanical fixation)</p>
THERMAL CONDUCTIVITY/ GB/T 10294-2008	≤ 0.020 W/(m·K) at 10°C
WEIGHT AEROGEL	<p>5 mm: 1.000 g/m²</p> <p>7 mm: 1.400 g/m²</p>

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

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