



CELLO® 852-01 • CELLO® 852-01 ALG-01

Cello® 852-01: Flame-proofed white non-woven made from polyester fibers.

Cello® 852-01 ALG-01: Laminated with a embossed aluminum foil to protect the material against the penetration of dust and liquids.

Applications: Buses/utility vehicles: Wall and ceiling coverings, elements used as air vents and/or thermal screens



TECHNICAL DATA

FLAMMABILITY	<ul style="list-style-type: none"> ▶ FMVSS 302, DIN 75 200, fulfilled ▶ ISO 3795, burning rate < 100 mm/min ▶ ECE R-118, annexes 6, 7 and 8 fulfilled (852-01) ▶ ECE R-118, annexes 6, 7 and 8 fulfilled (852-01 ALG-01 NK)
TEMPERATURE RESISTANCE	-40°C to +150°C
THERMAL CONDUCTIVITY / EN 12667	≤ 0.045 W/(m·K) at 10°C
WEIGHT OF NON-WOVEN / DIN EN 29073-1	1.000 g/m ² ± 10%
TIGHTNESS	▶ ECE R-118, annex 9 fulfilled: material repels fuels and lubricants (852-01 ALG-01)

DIMENSIONS

PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]
852-01	5.0	± 1.0	1050 X 1250 or
852-01 ALG-01			2100 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 rigidity ▶ High mechanical strength ▶ High temperature resistance and very good flammability characteristics ▶ Good stability in humid conditions ▶ Does not provide a substrate for mold and fungal growth (852-01 ALG-01) ▶ Reflects heat radiation (852-01 ALG-01)
ADVICE	<p>For sealing trimmed edges, we recommend our adhesive tape Cello® ALU-01, which has been tested acc. to EN 45545-2 and meets requirements R1 + R7 + R17, HL 3.</p> <p>Cello® ALU-01 adhesive tape: water vapor tightness as per ISO 15106-3 fulfilled</p>

