



CELLO® D 2600 ALG-04

Cello® D 2600 ALG-04: Closed-cell, noise-absorbing polyethylene foam with low density, laminated with an aluminum foil with scrim reinforcement for enhanced tear resistance. Especially suitable for applications where contact with humidity is possible.

Applications: Machine construction, heating/ventilation/AC systems, cabins/casings/hoods, rail vehicles, sound conditioning, motorboats/yachts



TECHNICAL DATA

FLAMMABILITY



- ▶ FMVSS 302, DIN 75 200: fulfilled
- ▶ ISO 3795: burning rate < 100 mm/min
- ▶ EN 45545-2 2020: R1 + R7 + R17, HL 3 fulfilled (NK, 20-50 mm)

TEMPERATURE RESISTANCE

-50°C to +80°C (short-term: up to 100°C for 30 min per day)

THERMAL CONDUCTIVITY

ISO 8301: ≤ 0.082 W/(m·K) at -5°C

DENSITY

DIN EN ISO 845: 25 kg/m³

DIMENSIONS

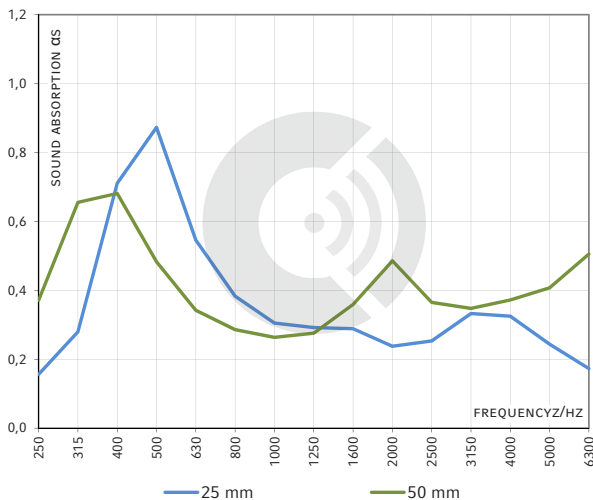
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]
D 2600 ALG-04	25, 40, 50**	up to 50 - 0 / + 8	1200 X 2400

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.).

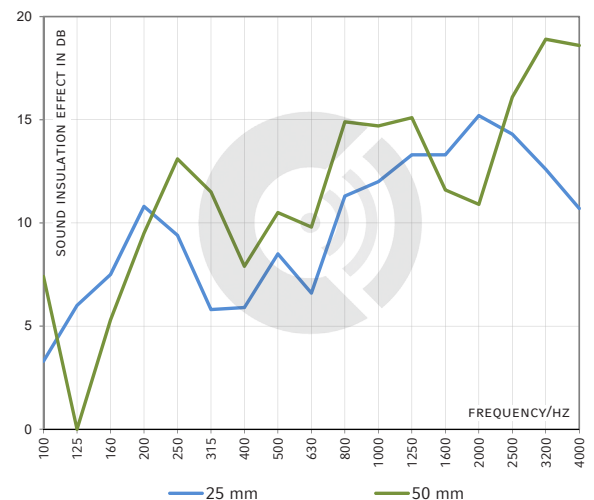
**Thicknesses 40 and 50 mm consist of several layers.

REVERBERATION ROOM / DIN EN ISO 354



SOUND TRANSMISSION LOSS

test procedure similar to DIN EN ISO 10140-2



25 mm: $R_w = 11$ dB
 50 mm: $R_w = 13$ dB
 acc. to DIN EN ISO 717-1

MORE INFORMATION

- BENEFITS**
- ▶ Excellent resistance against chemicals
 - ▶ Dirt-repellent and easy to clean
 - ▶ Very good stability and sturdiness
 - ▶ Good resistance against humidity, freezing temperatures and dirt
 - ▶ Does not offer a substratum for the growth of bacteria or mold
 - ▶ The aluminum foil also reflects heat radiation and prevents heat convection

- OPTIONS**
- NK: no self-adhesive equipment
SK: with self-adhesive finish

- ADVICE**
- For sealing trimmed edges, we recommend for D 2600 ALG-04 adhesive tape Cello® ALU-04, tested acc. to EN 45545-2: R1 + R7 + R17, HL 3 fulfilled

