

Cello® F700 FR HO ALG-01

PRODUCT DESCRIPTION

Cello® F700 FR HO ALG-01 is made from a white polyester non-woven impregnated with an oil- and water-repellent finish - optionally laminated with an embossed foil of highest-grade aluminum (thickness: 0.1mm, corrosion-proof).

TYPICAL APPLICATIONS

buses/utility vehicles, household appliances, heating/ventilation/AC systems, cabins/casings/hoods, machine construction, medical technology, rail vehicles

KEY BENEFITS

- Very good protection against water splashes
- Aluminum foil ensures fulfillment of the highest hygienic requirements
- Aluminum foil prevents the penetration and accumulation of liquids
- In vibration tests, the fiber composite shows no tendency to break up
- Does not provide a substrate for mold and fungal growth
- Excellent sound absorption values

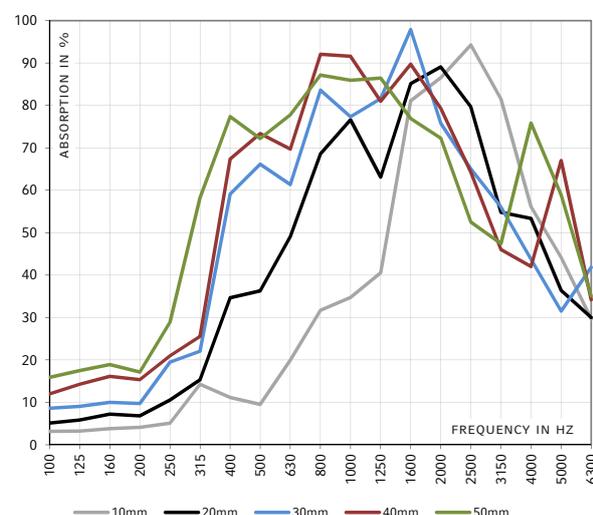
TEMPERATURE RESISTANCE

-50°C to +100°C / -50°C to +150°C*

FLAMMABILITY

- FMVSS 302, DIN 75200, fulfilled
- ISO 3795, burning rate < 100 mm/min
- EN 45545-2 2013, requirement R1, HL 3 fulfilled
- ECE R-118, appendix 6, 7 and 8 fulfilled
- EN 45545-2 2016, requirement R1, HL 3 fulfilled (10-50mm) (F700 FR HO ALG-01 HLFR SK)

IMPEDANCE TUBE IN ACCORDANCE WITH DIN 10 534-2



THERMAL CONDUCTIVITY OF POLYESTER NON-WOVEN

≤ 0.036 W/(m·K) acc. to EN 12667 at 10°C

DENSITY OF NON-WOVEN

DIN EN 12 127: 20 kg/m³ ± 10%

BASIC PRODUCT

F700 FR HO ALG-01 NK: no self-adhesive equipment

PRODUCT OPTIONS

F700 FR HO ALG-01 SK: self-adhesive rear face
 F700 FR HO ALG-01 HLFR SK: F700 FR HO ALG-01, rear face equipped with a fire protection film (HLFR) made from thermoplastic polyolefins.

DIMENSIONS, UNTRIMMED**

PRODUCT	THICKNESS [mm]	SHEETS [mm]	ROLLS
F700 FR HO ALG-01	10, 20, 30, 40, 50	2100 X 1250	not available

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

THICKNESS TOLERANCE

According to DIN EN ISO 9073-2 ± 10%
 For pieces with a thickness of 10 mm ± 25%

STORAGE

- Sheets must be stored in vertical position
- Dry and in closed rooms
- Self-adhesive materials: max. 6 months

*not taking into account a potential change of dimensions
 ** untrimmed: useful width guaranteed as ordered, some layers (e.g. non-woven, film, foam) may partially exceed this width.

PLEASE REFER TO OUR LEAFLET "PROCESSING AND APPLICATION"

Cellofoam GmbH & Co. KG

EQ ZERT ISO 9001 CERTIFIED

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P +49 (0) 7351 . 573-0
 E sales@cellofoam.de
 I www.cellofoam.de

