



CELLO[®] F700 FR HO ALG-01

Fire-proof white polyester non-woven with an oil- and waterrepellent finish and laminated with a corrosion-proof aluminum foil (0.1 mm).

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

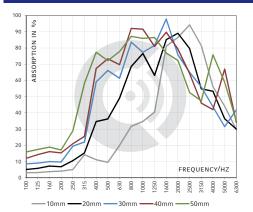


TECHNICAL DATA	
FLAMMABILITY	 FMVSS 302, DIN 75 200, fulfilled ISO 3795, burning rate < 100 mm/min ECE R-118, annexes 6, 7 and 8 fulfilled
TEMPERATURE RESISTANCE	 ► EN 45545-2 2013, requirement R1, HL 3 fulfilled (≥ 10 mm) -50°C to +100°C -50°C to +150°C (except for a potential change of dimensions)
THERMAL CONDUCTIVITY OF POLYESTER NON-WOVEN / EN 12667	≤ 0.036 W/(m·K) at 10°C
DENSITY OF NON-WOVEN / DIN EN 29073-1	20 kg/m ³ ± 10%

DIMENSIONS			
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE / DIN EN ISO 9073-2	SHEETS* [mm]
F700 FR H0 ALG-01	10, 20, 30, 40, 50	± 10%, at 10 mm: ± 25%	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.).

IMPEDANCE TUBE / DIN 10 534-2



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

BENEFITS	Very good protection against water splashes		
	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 		
	The aluminum foil protects the material against the penetration of liquids, ensuring that the product meets the highest hygiene requirements.		
OPTIONS	 NK: no self-adhesive equipment SK: self-adhesive rear face F700 FR H0 ALG-01 HLFR SK: Rear face additionally equipped with a fire protection barrier (Cello® HLFR) made from thermoplastic polyolefins. EN 45545-2 2016, requirement R1, HL 3 fulfilled (10-50 mm) 		
ADVICE	 Sheets must be stored in vertical position. For sealing trimmed edges, we recommend our adhesive tape Cello® ALU-01 		

ISO 9001 CERTIFIED

MASON GROGAN INDUSTRIAL

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salesmg@grogangroup.com www.grogangroup.com 1300 859 960 or +61 (02) 9748 3838