



## CELLO<sup>®</sup> 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

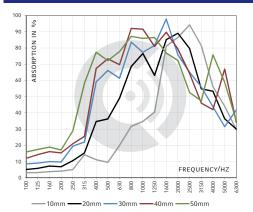


TECHNICAL DATA	
FLAMMABILITY	<ul> <li>FMVSS 302, DIN 75 200, fulfilled</li> <li>ISO 3795, burning rate &lt; 100 mm/min</li> <li>ECE R-118, annexes 6, 7 and 8 fulfilled</li> </ul>
TEMPERATURE RESISTANCE	<ul> <li>► EN 45545-2 2013, requirement R1, HL 3 fulfilled (≥ 10 mm)</li> <li>-50°C to +100°C</li> <li>-50°C to +150°C (except for a potential change of dimensions)</li> </ul>
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 <sup>3</sup> ± 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		
	<ul> <li>Does not provide a substrate for mold and fungal growth</li> <li>Excellent sound absorption values</li> </ul>		
	The aluminum foil protects the material against the penetration of liquids, ensuring that the product meets the highest hygiene requirements.		
OPTIONS	<ul> <li>NK: no self-adhesive equipment</li> <li>SK: self-adhesive rear face</li> <li>F700 FR H0 ALG-01 HLFR SK:</li> <li>Rear face additionally equipped with a fire protection barrier (Cello® HLFR) made from thermoplastic polyolefins.</li> <li>EN 45545-2 2016, requirement R1, HL 3 fulfilled (10-50 mm)</li> </ul>		
ADVICE	<ul> <li>Sheets must be stored in vertical position.</li> <li>For sealing trimmed edges, we recommend our adhesive tape Cello® ALU-01</li> </ul>		

**ISO 9001 CERTIFIED** 

MASON GROGAN INDUSTRIAL

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