



## CELLO® PE-20 ALG-04 DRAIN 2.0

Polyethylene foam with closed-cell cross-linked structure, for thermal insulation purposes. The upper face is laminated with a embossed corrosion-proof aluminum foil and the rear face is covered with a flexible matrix layer.

DRAIN 2.0 is a new, advanced version of our proven drain product and scores with a surface-optimized matrix layer, to allow condensate water to drain away easily in all directions.

Applications: In wall and floor structures of 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>► EN 45545-2: R1 + R7 + R17, HL 3 fulfilled (≥ 20 mm)</li> </ul>
TEMPERATURE RESISTANCE	-40°C to +100°C
THERMAL CONDUCTIVITY	EN 12667: ≤ 0.036 W/(m·K) at 10°C
DENSITY OF PE FOAM	DIN EN ISO 845: 20 $\pm$ 3 kg/m <sup>3</sup>
WEIGHT	20 mm:       660 g/m <sup>2</sup> 40 mm: 1.060 g/m <sup>2</sup> 30 mm:       860 g/m <sup>2</sup> 50 mm: 1.260 g/m <sup>2</sup>

DIMENSIONS				
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]	
PE-20 ALG-04 DRAIN 2.0	20, 30, 40, 50	up to 50 ± 1,5	1500 X 2100	

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> <li>Matrix layer made of surface-friendly material</li> <li>Good tread resistance</li> <li>Drainage function prevents the accumulation of water</li> <li>Closed-cell surface prevents the penetration of moisture into the insulation material</li> </ul>
ADVICE	For sealing the edges of PE-20 ALG-04 DRAIN 2.0, we recommend our adhesive tape Cello® ALU-04, tested acc. to EN 45545-2: R1 + R7 + R17, HL 3 fulfilled

07/23

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