



CELLO® PE-20 | PE-20 ALG-04

Cello® PE-20 ALG-04: Polyethylene foam with closed-cell cross-linked structure, for thermal insulation purposes. To prevent shrinkage of the product, **Cello® PE-20 ALG-04** is laminated with a robust aluminum foil with scrim reinforcement.

The aluminum foil also serves as a convection barrier and reflects heat radiation.

Cello® PE-20: Same PE-20 ALG-04 but without aluminum foil

Uses: For floors and floor-to-wall transition surfaces in rail vehicles (PE-20 ALG-04), utility vehicles, machine construction, construction and farm machinery



TECHNICAL DATA	
FLAMMABILITY	► FMVSS 302, DIN 75 200: fulfilled
EN 45545-2	► ISO 3795: burning rate < 100 mm/min
EN 45542	EN 45545 2. KT T KT T KT7, TE 5 Tullined (TE 20 AEG 04, 2 20 mm)
	ECE R-118: annexes 6, 7 and 8 fulfilled (PE-20 ALG-04, \geq 20 mm)
TEMPERATURE RESISTANCE	-40°C to +100°C
THERMAL CONDUCTIVITY	EN 12667: ≤ 0.036 W/(m·K) at 10°C
DENSITY PE FOAM	DIN EN ISO 845: 20 ± 3 kg/m ³
WATER ABSORPTION	< 1 Vol. % (din 53428)

DIMENSIONS					
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	SHEETS* [mm]	ROLLS* [mm]	
PE-20 PE-20 ALG-04	20, 30, 40, 50	up to 50 ± 1,5	1500 X 2100	not available	

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	 Closed-cell surface prevents the penetration of moisture into the insulation material Low moisture absorption Eco-friendly: The reduced weight of the solution saves natural resources as well as energy High value for your money Low heat shrinkage thanks to the aluminum foil surface (PE-20 ALG-04) The aluminum foil also reflects heat radiation and prevents heat convection (PE-20 ALG-04) 	
OPTIONS	NK: no self-adhesive equipment sк: with self-adhesive finish	
ADVICE	For sealing trimmed edges, we recommend for PE-20 ALG-04 adhesive tape Cello® ALU-04, tested acc. to EN 45545-2: R1 + R7 + R17, HL 3 fulfilled	

07/23

PE FOAM

ISO 9001 CERTIFIED

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