



# AEROFOAM INDUSTRIES

*“Redefining comfort one seat at a time”*

AF01030001

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**AF01030001 is polyethylene closed cell foam. AF01030001 is flame retardant and suitable for use in commercial aircraft interiors.**

AF01030001 is a durable, flexible and inherently lightweight foam with excellent vibration and shock absorbency properties. AF01030001 has outstanding dimensional stability and recovery characteristics. It's water resistant capabilities make it the ideal material to use as flotation cushion also.

AF01030001 is one of the lightest foams available in the aircraft interiors industry today. It is the perfect base material for the ultimate in lightweight cushions.

PROPERTIES	ISO Standard	ASTM Standard	Imperial	Metric
Density	ISO 845	ASTM D3575	2.2 lbs/ft <sup>3</sup>	35.2 kg/m <sup>3</sup>
Tear Strength	ISO 8067:1995	ASTM D3574	10 lbs/in	1.75 N/m
Tensile Strength	ISO 7214:1998	ASTM D3574	35 PSI	241 kPa
Elongation	ISO 7214:1998	ASTM D3574	60 (% min)	60 (% min)
Compressive Creep (1000 hrs @73F/23C)		ASTM D3575	10 (% max) @ 2.5 PSI	10 (% max) @ 17.5 kPa
Water Absorption	ISO 2896	ASTM D3575	0.3 lbs/ft	1.5 kg/m <sup>2</sup>
Compression Set	ISO 1856	ASTM D3575	<20%	<20%
Buoyancy		ASTM D3575	58 lbs/ft <sup>2</sup>	930 kg/m <sup>2</sup>

FLAMMABILITY	Standard	Results
12 Second Vertical Burn	CFR/CS 25.853 app F, part1a(1)(ii)	Pass
Seat Oil Burn	CFR/CS 25.853 app F, part 2	Pass

## COLOR

White

The values shown are typical of this product, they should not be construed as specification limits.

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TECHNICAL DATA SHEET REV A

