



AEROFOAM INDUSTRIES

"Redefining comfort one seat at a time"

AF01010011

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AF01010011 is the firmest flame retardant memory foam. The Aerofoam's memory foam family is great topper foam for use on traditional foam cushions.

Memory foams or visco-elastic foams were developed by NASA as a solution for astronauts in zero gravity environments. The higher visco elastic properties of the memory foam provides greater comfort and support by molding to the contour of the passenger which allows for a more even dispersion of pressure throughout the seat cushion. With this memory foam you do not significantly increase the mass of the cushion beyond that of existing firehard polyurethane foams.

AF01010011 firmer density provides much greater support than the lighter AF01010010 and provides the highest level of anatomical cushioning of any foam commercially available in the market today. AF01010011 is ideally used for seat bottom cushions to alleviate hard spots, its pressure dispersion abilities are unrivalled in seat cushioning.

PROPERTIES	ISO Standard	ASTM Standard	Imperial	Metric
Density	ISO 845	ASTM D3574	2.81 - 3.03 lbs/ft ³	45 - 48.5 kg/m ³
Hardness (IFD @ 40%/2")	ISO 2439:2008	ASTM D3574	18 lbs - 28 lbs	80 - 125 N
Sag Factor		ASTM D3574	2.10 - 2.45	2.10 - 2.45
Tear Strength	ISO 8067:1995	ASTM D3574	1.4 lbs/in	0.16 N/m
Tensile Strength	ISO 7214:1998	ASTM D3574	14 PSI (min)	96.53 kPa (min)
Elongation	ISO 7214:1998	ASTM D3574	100 (% min)	100 (% min)
Resilience		ASTM D3574	< 5%	< 5%
Typical mass per seat cushion		16" x 16" x 4"	1 lbs 11 oz	.76 kg

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

Green