



# AEROFOAM INDUSTRIES

*“Redefining comfort one seat at a time”*

## AF42-95

AF42-95 is a low density graphite impregnated polyurethane, flame retardant foam. AF42-95 is one of our lightest and softest foams which makes it an ideal choice for an initial comfort layer in seat cushions or headrests.

The high resilient nature of this foam ensures a prolonged life in service and is significantly less prone to shearing or dusting than conventional foams. AF42-95 meets the requirements of CFR 25.853 part 1, the 12 second vertical burn and CFR 25.853 part 2, the seat oil burn or Kerosene burn test as standard without needing a fireblocking layer.

All of our AF range of firehard foams are treated with UltraFresh™, for antimicrobial protection throughout its lifespan.

For the softest touch and maximum comfort, AF42-95 is the perfect companion.

PROPERTIES	ISO Standard	ASTM Standard	Imperial		Metric
Density	ISO 845	ASTM D3574	2.40 - 2.8 lbs/ft <sup>2</sup>		38.44 - <b>42</b> - 44.85 kg/m <sup>3</sup>
Hardness (IFD)	ISO 2439:2008	ASTM D3574	20 lbs - 26 lbs		89.00 - <b>95</b> - 115.70 N
Sag Factor		ASTM D3574	2.4 min		2.4 min
Tear Strength	ISO 8067:1995	ASTM D3574	1.7 lbs/in		0.19 n/m
Tensile strength	ISO 7214:1998	ASTM D3574	10 PSI		68.95 (kpa)
Elongation	ISO 7214:1998	ASTM D3574	125 (% min)		125 (% min)
Resilience		ASTM D3574	40 (% min)		40 (% min)
Typical mass per seat cushion		16" x 16" x 4"	1 lbs	4.5 oz	0.58 kg

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

## COLOR

Blue

