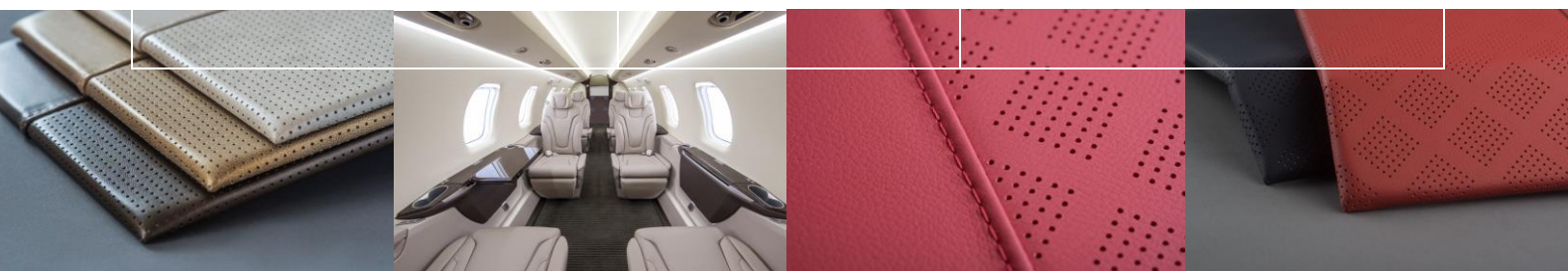


# Graphite Foam.

Parameter (unit).	Value.	Standard/Method.
Density [g/m <sup>3</sup> ]	53 +3/-2	DIN 53420
[lb/ft <sup>3</sup> ]	3,2 + 0,2/-0,12	ASTM D-3574
Tensile Strength [kPa]	≥ 105	DIN 53571
[ lbf//inch <sup>2</sup> ]	≥ 13	ASTM D-3574 E
Air Permeability (Press. 98,1 Pa = 2.05 lbf/ft <sup>2</sup> , Thickness: 50 mm = 2 inch [l/ dm <sup>2</sup> x min]	≥ 59	
Dynamic Fatigue Test		DIN 53574 ASTM D-3574 I 3
Elongation at Break [%]	≥ 98	DIN 53571 ASTM D-3574 E
Loss in force deflection [%]	≤ 32	
Compression Set *1 [%]	≤ 9,5	DIN 53572 ASTM D-3574 D



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Loss in thickness [%]	$\leq 4,7$	
Indentation Force Deflection [kPa]	4,1 +- 0,7	DIN EN ISO 3386

### Flammability

FAR 25.853 (a) (1) (ii), App F  
Part I

FAR 25.853 c, App. F Part II

\*2 (tested by ACM)

ABD 0031, Issue E-Smoke  
and Toxicity

\*1 22h, 50% compr., 70°C

\*2 in combination with several seat  
covers commonly used in Aircraft

