

Confor Foam Padding Technical Specifications



Property	CF-47 Green	CF-45 Blue	CF-42 Pink	CF-40 Yellow
Density Nominal kg/m3 (lb/ft3) ASTM D3574	93 (5.8)	93 (5.8)	93 (5.8)	93 (5.8)
Flammability UL94 MVSS-302 FAR 25.853(a) Appendix F Part I (a) (1) (ii) (12 sec) California Flame 117	Listed HBF Meets Meets Meets	Listed HBF Meets Meets Meets	Listed HBF Meets Meets Meets	Listed HBF Meets Meets Meets
Ball Rebound % ASTM D3574	2.8	2.4	1	< 1.0
Thermal Conductivity - K Value ASTM C177 Wm-K (BTU in/hr ft2 F)	0.040 (0.28)	0.040 (0.28)	0.040 (0.28)	0.040 (0.28)
Compression Set (%) ASTM D3574 - 22hr at 70C (158F) Compressed 25% Compressed 50%	0.3 0.6	0.4 0.6	0.9 1	0.6 2.4
Indentation Force Deflection ASTM D3574 - Test B1 25% Deflection 22C (72F) at 50% Relative Humidity	43	34	26	15
Tensile Strength kPa (psi) ASTM D3574 51 cm/min (20 in/min) at 22C (72F)	174 (25.2)	154 (22.3)	125 (18.1)	101 (14.6)
Tear Strength kN/m (lbf/in) ASTM D3574 51 cm/min (20 in/min) at 22C (72F)	0.96 (5.5)	0.81 (4.6)	0.60 (3.4)	0.28 (1.6)
Elongation (%) ASTM D3574 51 cm/min (20 in/min) at 22C (72F)	98	108	109	135

Standard sheet size is 914cm (36") x 2032mm (80") and the thickness is variable in 25mm increments. The length and the width cannot be altered.

Should you require any further information please get in touch on using the details below:

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