

CCI Insulation Materials

Product Name	Grade	Available Shapes				Standard Construction						Options		
		Flat Disks and Rectangles	Cylinders (hollow)	Cones (hollow)	Complex 3D Geometries	Slurry Based Fiber Board	Rigidized Felt Insulation Core	Graphite Foil Between Rigid Felt Layers ¹	CFC Faced on Both Sides (0.025" thick)	CFC Faced (customer specified thickness) ³	Graphite Foil Faced ⁴	Graphite Paint Coat ⁵	Purification ⁶	
Thermshield: Rigid Thermal Board	RTB-317	X				X						X	X	X
Rigid Felt Board	RFB-210	X					X					X	X	X
Rigid Sandwich Board	RSB-225	X					X	X				X	X	X
Composite Rigid Board	CRB-220	X					X		X			X	X	X
Composite Sandwich Board	CSB-230	X					X	X	X			X	X	X
Composite Baffle Board	CBB-280	X					X					X	X	X
Composite Encapsulated Insulation	CEI-270						X					X	X	X
Rigid Felt Cylinder	RFC-200		X	X			X					X	X	X
Composite Sandwich Pack	CSP-230		X				X	X		X		X	X	X

Notes:

- 1) Graphite Foil between each rigidized felt layer is standard, but may be eliminated upon customer request.
- 2) CFC Shells shall have a thickness of 0.080" (2mm) for diameters under 24" (610mm) and 0.125" (3.2mm) for diameters of 24" (610mm) or larger. Thicker shells are available upon request.
- 3) CFC thickness to customer specification.
- 4) Graphite Foil may be bonded to surfaces upon customer request.
- 5) Upon customer request, surfaces without foil may be coated with Graphite Paint.
- 6) An "H" is added to grade designations that are vacuum purified and an "HP" is added to halogen purified grades.