



Rishon® Composite Data Sheet

(Based on .050" thick samples)

<u>Property</u>	<u>Value</u>	<u>Test or Requirement</u>
Fireproof	15 minutes @ 2,000°F ± 150°F	FAA FSSR 453 FAA AC20-135
Density (approx.)	1.28 – 1.47 g/cm ³ .0463 - .0532 lb/in ³ 80 -91.93 lb/ft ³	
Temperature Range	-170°F to + 850°F	
Color	Red-Orange	
Size	Nominal	
Thickness	.017", .015", .012", .010" per ply	
Tensile Strength	2742 ± 11psi	ASTM-D-412, Proc. A Die C
Elongation	85.1% ± 6.7%	
Tear Resistance	1758 ± 45 lbs/in	ASTM D-624, Die B
Hardness (Average)	36.8 ± 1.4	Shore D Durometer
Thermal Resistance		
Non-Insulated 3.00" duct	6.25x10 ⁻³ m ² ·K/W (0.0355 hr·ft ² ·°F/BTU) R Value: 3-6	
Insulated 3.00" duct	6.25x10 ⁻³ m ² ·K/W (0.276 hr·ft ² ·°F/BTU) R Value: 24-28	