

Physical Data — willtec FM

Tensile Strength	10 PSI (ASTM D3574-77)
Density	5.7 lbs./cubic foot
Elongation	20% (ASTM D3574-77)
Heat Conductivity	K factor = 0.38 at 50 degrees F
Long Term Service Temperature	-76 to 302 degrees F
Fire Resistance	Class 1 (ASTM E84)
Color	Light gray and charcoal

Sound Absorption

SQUARELINE's unique expanded metal design provides a larger area (up to 70% open) for noise to pass through and be absorbed by its pre-bonded willtec FM acoustical backing.

SQUARELINE Sound Absorption

Test ASTM C423-90a; Mounting Type E

Frequency (Hz)	1/4" Thick Insert	1/2" Thick Insert
125	0.37	0.40
250	0.59	0.63
500	0.30	0.43
1000	0.50	0.60
2000	0.75	0.77
4000	1.09	0.89
NRC	0.55	0.60