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Riverbank Acoustical Laboratories (RAL)TM
 Sound Absorption and Sound Absorption Coefficients
 by the Reverberation Room Method ASTM C 423-02/NVLAP 08/P03

TEST NUMBER: A04-077

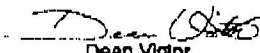
TEST DATE: MAY 20, 2004

CLIENT: Vita Nonwovens
 DESIGNATION: AstroFoil
 DIMENSIONS: 88" x 108" x 1"
 AREA: 66.0 ft²
 WEIGHT: 8 lbs
 MOUNTING: A
 SPECIMEN DETAILS: 2@ 44" x 108" x 1"
 AREA WEIGHT: 0.12 lbs/ft²
 EDGE SEAL: Steel
 Foil Side To Source

TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
 FILE NAME: A04_077_040520_A.doc

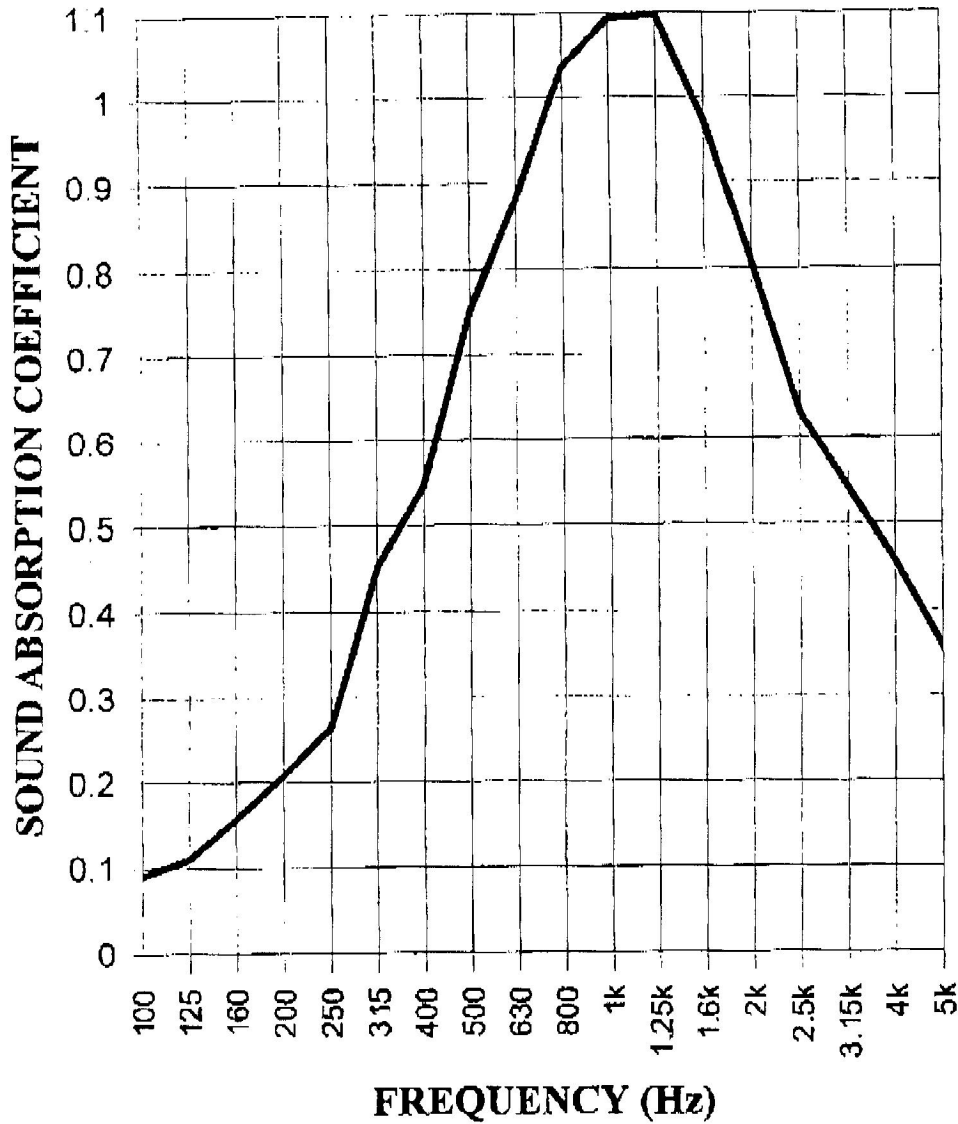
1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION COEFFICIENT		TOTAL ABSORPTION (SABINS)
100	0.08994	0.09	5.94
125	0.10942	0.11	7.22
160	0.15685	0.16	10.35
200	0.20607	0.21	13.60
250	0.26317	0.26	17.37
315	0.45159	0.45	29.80
400	0.54542	0.55	36.00
500	0.75250	0.75	49.67
630	0.88046	0.88	58.11
800	1.03524	1.04	68.33
1000	1.09355	1.09	72.17
1250	1.09667	1.10	72.38
1600	0.97093	0.97	64.08
2000	0.80461	0.80	53.10
2500	0.62807	0.63	41.45
3150	0.54012	0.54	35.65
4000	0.45577	0.46	30.08
5000	0.35556	0.36	23.47

SOUND ABSORPTION AVERAGE | SAA | = 0.73
 NOISE REDUCTION COEFFICIENT | NRC | = 0.75

Test Conducted by 
 Dean Victor

This single report page and accompanying graph contain the instantaneous raw data as provided to the client after testing of the specimen. This data, although accurate, is incomplete without the full specimen description, mounting details and signature pages. The full report referenced by the RAL test number above should be consulted for further information regarding these results.

SOUND ABSORPTION REPORT
RAL - A04-077



SAA = 0.73
NRC = 0.75