Specification Sheet

SINCE 1875
SOPER'S
ENGINEERED FABRIC SOLUTIONS

CONASORB F

Frequency (Hz)	Absorption Coefficient F-50	F-100	F-200
80	0.04	0.01	0.08
100	0.05	0.05	0.17
125	0.05	0.04	0.18
160	0.05	0.10	0.30
200	0.05	0.15	0.40
250	0.07	0.21	0.56
315	0.08	0.28	0.70
400	0.12	0.45	0.88
500	0.16	0.64	1.00
630	0.21	0.86	1.06
800	0.29	1.02	1.06
1000	0.41	1.04	1.04
1250	0.55	0.96	0.97
1600	0.72	0.88	0.93
2000	0.85	0.83	0.93
2500	0.90	0.83	1.02
3150	0.88	0.85	1.05
4000	0.86	0.92	1.04
5000	0.87	0.96	1.07
6300	0.88	0.96	1.08

CONASORB F is a flexible polyester polyurethane foam specifically formulated to absorb airborne and random incidence noise, utilizing minimum weight and thickness.
CONASORB F has a service life greater than that of polyether foams.
The manufacturing control of the cellular structure ensures the optimum ratio of open and closed cells for maximum performance. CONASORB F reduces airborne sound energy in the frequency ranges found in most environments.

APPLICATIONS AND PRODUCT DATA

USES: Enclosure liner, Acoustical baffles, Silencer liner
CONASORB F is easy to apply and can be cut with common utility knives. For secure and permanent installations use specified adhesives – available from Soper's.

THICKNESS:
F-50: 0.5" thick F-100: 1.0" thick F-200: 2.0" thick

TYPICAL PHYSICAL PROPERTIES:

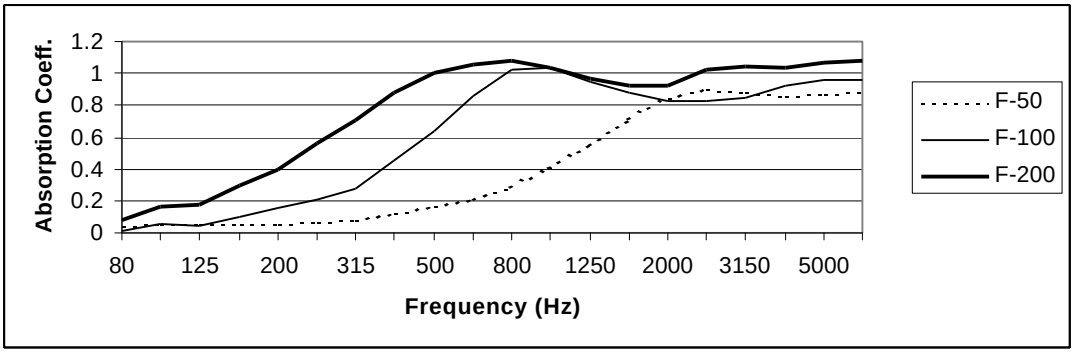
Thermal Conductivity: ASTM C 518 – 0.27 Btu. In. / hr ft² °F
Flammability: MVSS 302 – Passes, UL94 HF-1 – Passes
Elongation (%): ASTM D 3574-86 – 200 minimum
Compression Set: ASTM D 3574-86 – Maximum 15% at 70°F (21°C)
Tensile Strength: ASTM D 3574-86 – 15 psii, minimum
Density: ASTM D 3574-86 – 1.8 – 2.2 lb / cu ft
Tear Strength: ASTM D 3574-86 – 2.0 lb / in minimum

STANDARD DIMENSIONS:

Sheets: 60" wide X 72", untrimmed (30 sq ft)
Rolls: 60" wide rolls (F-50 and F-100 only)
Custom trimming and die cutting can be provided.

PERFORMANCE DATA

Performance data is an extract from NRC – Ottawa report on tests according to ASTM C 423-90a



NOTICE Stated performance data is based on recognised testing methods. Product performance can be affected by field conditions and installation methods. Users of these products are responsible for determining suitability for their application and compliance with any legal provisions including those relating to health and safety.

6-Jan-05

P.O. Box 277, Hamilton, Ontario L8N 3E8
Fax: (905)528-8128 e-mail: info@sopers.com

(905)528-7936 1-800-263-8334 www.sopers.com