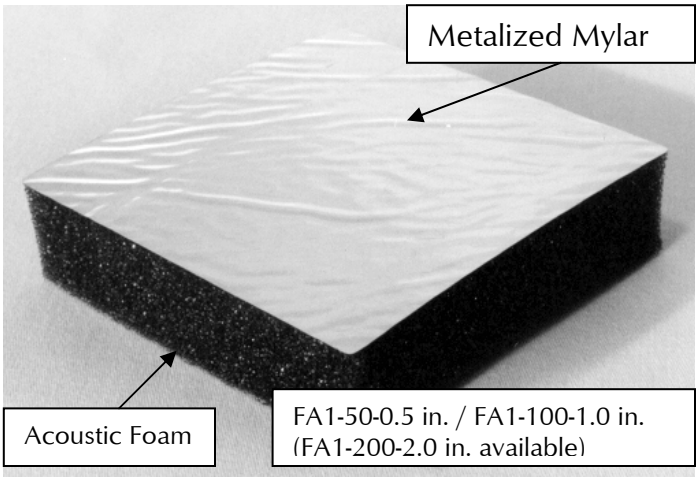
Specification Sheet

SINCE 1875
SOPER'S
ENGINEERED FABRIC SOLUTIONS

CONASORB FA 1



CONASORB FA 1 has a surface of silver Metalized polyester film bonded to flexible polyester polyurethane acoustic foam specifically formulated to absorb air borne, random incidence noise. The clearable film surface offers a high degree of contamination resistance especially where it could be contacted by direct oil water spray. CONASORB FA1 is suitable as an acoustic liner and offers a high degree light reflectivity.

Application and Product Data:

Uses: Enclosure liner, engine compartment liner, silencer liner.
CONASORB FA1 is easy to apply and can be cut with common utility knives. For secure and permanent installations use adhesive-available from Soper's.

Frequency (Hz)	Absorption Coefficient	
	FA1-50	FA1-100
80	0.01	0.02
100	0.05	0.09
125	0.05	0.13
160	0.06	0.19
200	0.07	0.32
250	0.11	0.55
315	0.15	0.97
400	0.25	1.03
500	0.46	0.66
630	0.84	0.42
800	0.92	0.29
1000	0.54	0.23
1250	0.34	0.23
1600	0.22	0.23
2000	0.16	0.27
2500	0.13	0.25
2150	0.15	0.27
4000	0.20	0.41
5000	0.24	0.50
6300	0.23	0.34
NRC	0.30	0.45

Thickness:

FA1-.50: 0.5in. thick, FA1-100: 1.0 in., Also available – FA1-200: 2.0 in.

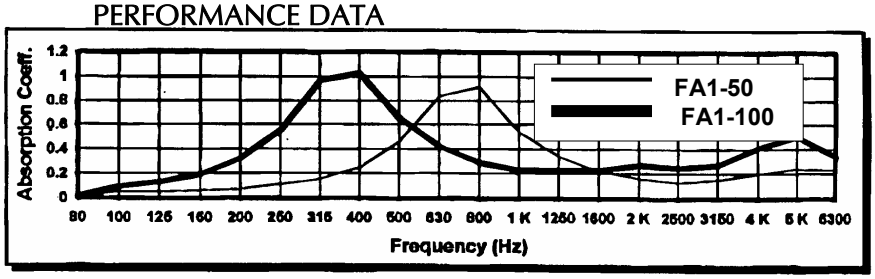
Standard Dimensions:

Sheets: 54" wide x 72", untrimmed (27 sq./ft)
Roll: 54" wide rolls (FA1-50 and FA1-100 only)
Custom trimming and die cutting can be provided.

Typical Physical Properties:

Foam Density: ASTM D 3574-86-1.8-2.2lb./ cu.ft
Thermal conductivity of foam at 76^0F (24^0C):
ASTM C518-0.27 Blu. In/hr.ft^2. ^{0}F
Flammability: MVSS 302 – Passes

PERFORMANCE DATA



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

NOTICE: Stated performance data is based on recognized testing methods. Product performance can be affected by field conditions and installations 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.

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