

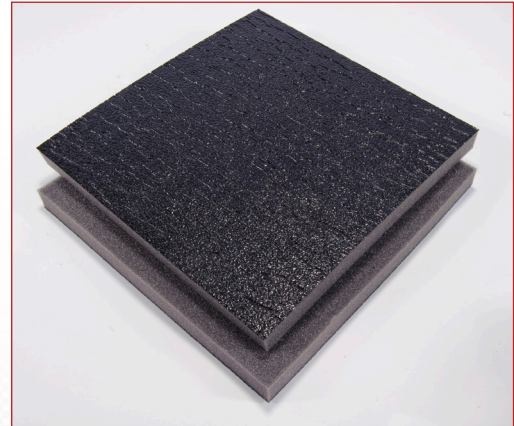
### Acoustical Foam With Black Film Facing

**031062**

Acoustical foam with black film facing is an excellent noise absorber with a black film facing to prevent vapors, dust, and moisture from entering substrate. Foam meets UL94 HF-1 Flammability.

**Applications include:**

- Engine compartments
- Gen-sets
- Pump housings
- Equipment enclosures



### Specifications and Physical Properties

**Absorptive Values:**

Typical sound absorption values of random absorption coefficients, 1 inch polyester polyurethane foam with 1.5 mil polyurethane film facing, when tested per ASTM C-384.

**Polyurethane Film:**

Material:	Polyester polyurethane film		
Thickness:	1.5 mil		
Tensile-Ultimate (psi):	10,000		D882
Elongation-Ultimate (%):	650		D882
Modulus @ 100% Elongation:	2300 (MD)		D882
Modulus @ 100% Elongation:	1900 (CD)		D882
Modulus @ 300% Elongation:	7900 (MD)		D882
Modulus @ 300% Elongation:	5900 (CD)		D882
Tear Strength (LB/in.):	650		D100

**Foam Substrate:**

Material:	Flexible, open-cell polyester polyurethane foam		
Size:	Rolls 54 inches wide x cut to length		
Thickness:	1 inch		
Maximum roll length:	150 linear feet		
Color:	Charcoal		
Density:	2 lbs./cu.ft.		
Flame resistance:	Meets UL94 classification HF-1		

**Frequency Hertz (Cycles per second):**

Random absorption coefficients	125	250	500	1K	2K	4K	NRC
031062	.17	.35	.63	.94	.97	.95	.75

Acoustical properties determined by ASTM C-384

The Federal Trade commission considers that there are no existing test methods or standards regarding flammability that are accurate indicators of the performance of cellular plastic materials under actual fire conditions. Any results of existing test methods such as ASTM D-1692 and UL94, are intended only as measurements of the performance of such materials under specific, controlled test conditions. The terminology associated with the tests or standards such as "non-burning", "self-extinguishing" or "non-combustible", is not intended to reflect properties of such products under actual fire conditions.

