

***NOISEMASTER®***  
***SOUND ABSORPTIVE BAFFLES***

**The Proudfoot Company, Inc.**

09500/PRO - BuyLine 0860  
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**Ideal for Providing High Sound Absorption at Economical Cost**

**NOISEMASTER Sound Absorptive Baffles** represent one of the best ways to add massive sound absorption to industrial and architectural areas.

**NOISEMASTER Sound Absorptive Baffles** weigh only about 2 pounds each and excessive-load problems are generally not encountered in any type of structure. The baffles can be used very effectively together with the NOISEMASTER Quilted Sound Screens to help isolate noisy areas from the rest of a plant or other facility. When hung in lines 24" to 36" apart over an entire large reverberant area, a reduction in the general noise level of about 7 to 9 decibels can generally be achieved because of the extremely high sound absorption of the NOISEMASTER baffles. It should not be expected, however, that use of the NOISEMASTER Sound Absorptive Baffles alone will cure a noise problem for an operator working close to a noisy situation as the direct sound reaches the operator's ears before it can be absorbed.

**NOISEMASTER Sound Absorptive Baffles** are typically hung on wires fastened to the overhead or, sometimes, are secured to tautly stretched heavier wires or cables. They can generally be hung so as to minimize any interference with such essential systems as lighting, sprinklers, overhead cranes, etc. Because of their light weight they usually pose no loading problems.

Because of the very high sound absorption and low cost of the NOISEMASTER Sound Absorptive Baffles few, if any, other practical systems exceed their ability to quiet industrial and similar areas or to adjust reverberation times to provide good hearing conditions at low cost.

**SPECIFICATIONS:**

**SECTION 09500**

**PART 2 PRODUCTS**

Sound Absorptive Baffle (*Polyethylene Covered*)

**MANUFACTURER**

Noisemaster® Poly Baffles shall be manufactured by **THE PROUDFOOT CO., INC.**, Monroe, CT.

**MATERIAL**

Noisemaster® Baffles **Model # PY-BAF-1** shall be made of 2.0 lb density fiberglass Type RA 1-1/2" thick. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-20 Fuel Contributed-15 Smoke Developed-20. The Fiberglass shall be encapsulated in 0.05 mm (.002 in.) Opaque polyethylene bag (White or Black). **Surface Burning Characteristics** (ASTM D568-74) MVSS-302 Meets the flame retardant requirements of flammability of flexible plastics test. Each baffle will have grommets for vertical or horizontal mounting. Grommets shall be either a compression type or a shoulder type grommet.

## **SIZE**

Each standard Baffle shall measure 121 cm (48.0 in.) wide by 61 cm (24.0 in.) high and 3.8 cm (1.50 in.) thick.

## **TESTING**

Noisemaster® Poly Baffles shall have an NRC of 10.50 Sabins Per Unit (2ft. x 4ft Baffle).

## **INSTALLATION AND STORAGE**

The Baffles can be installed by suspending each baffle independently from the roof deck using 16ga. wire or by installing aircraft cable into the walls or truss sections. The baffles then can be installed directly onto the aircraft cable using a pliable wire. The aircraft cable should have a turn buckle on one side that should be tightened to prevent the baffles from sagging. The baffles are to be stored in their original boxes in a clean and dry location.

NOISEMASTER® technical data, test reports, and general information is available by contacting **The Proudfoot Co., Inc., P.O. Box 276, Monroe, CT, 06468, (203) 459-0031.**

## **SPECIFICATIONS:**

### **SECTION 09500**

### **PART 2 PRODUCTS**

Sound Absorptive Baffle (*Sailcloth Nylon*)

### **MANUFACTURER**

Noisemaster® Sailcloth Baffles shall be manufactured by **THE PROUDFOOT CO., INC.,** Monroe, CT.

### **MATERIAL**

Noisemaster® Baffles **Model # SC-BAF-2** shall be made of 2.0 lb density fiberglass Type RA 1-1/2" thick. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-20 Fuel Contributed-15 Smoke Developed-20. The Fiberglass shall be encapsulated in 70 Denier Ripstop, Urethane Coated, Flame Retardant, U.V. Inhibitor, Sailcloth Nylon Covering (13 colors). **Surface Burning Characteristics** Class (A) NFPA-701 & Meets the (CPAI-84) flame retardant test specification for commercial indoor use. Each baffle will have grommets for vertical or horizontal mounting. Grommets shall be either a compression type or a shoulder type grommet.

## SIZE

Each standard Baffle shall measure 121 cm (48.0 in.) wide by 61 cm (24.0 in.) high and 3.8 cm (1.50 in.) thick; or custom sizes up to 4ft x 8ft.

## TESTING

Noisemaster® Sailcloth Baffles shall have an NRC of 9.0 Sabins Per Unit (2ft. x 4ft Baffle).

## INSTALLATION AND STORAGE

The Baffles can be installed by suspending each baffle independently from the roof deck using 16ga. wire or by installing aircraft cable into the walls or truss sections. The baffles then can be installed directly onto the aircraft cable using a pliable wire. The aircraft cable should have a turn buckle on one side that should be tightened to prevent the baffles from sagging. The baffles are to be stored in their original boxes in a clean and dry location.

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## SPECIFICATIONS:

### SECTION 09500

### PART 2 PRODUCTS

Sound Absorptive Baffle (*Sailcloth Nylon*)

### MANUFACTURER

Noisemaster® Sailcloth Baffles shall be manufactured by **THE PROUDFOOT CO., INC.,** Monroe, CT.

### MATERIAL

Noisemaster® Baffles **Model # SC-BAF-3** shall be made of 3.0 lb density fiberglass Type RA 1-1/2" thick. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-20 Fuel Contributed-15 Smoke Developed-20. The Fiberglass shall be encapsulated in 70 Denier Ripstop, Urethane Coated, Flame Retardant, U.V. Inhibitor, Sailcloth Nylon Covering (13 colors). **Surface Burning Characteristics** Class (A) NFPA-701 & Meets the (CPAI-84) flame retardant test specification for commercial indoor use. Each baffle will have grommets for vertical or horizontal mounting. Grommets shall be a shoulder type grommet.

## SIZE

Each standard Baffle shall measure 121 cm (48.0 in.) wide by 61 cm (24.0 in.) high and 3.8 cm (1.50 in.) thick; or custom sizes up to 4ft x 8ft.

## TESTING

Noisemaster® Sailcloth Baffles shall have an NRC of 9.0 Sabins Per Unit (2ft. x 4ft Baffle).

## **INSTALLATION AND STORAGE**

The Baffles can be installed by suspending each baffle independently from the roof deck using 16ga. wire or by installing aircraft cable into the walls or truss sections. The baffles then can be installed directly onto the aircraft cable using a pliable wire. The aircraft cable should have a turn buckle on one side that should be tightened to prevent the baffles from sagging. The baffles are to be stored in their original boxes in a clean and dry location.

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## **SPECIFICATIONS:**

### **SECTION 09500**

### **PART 2 PRODUCTS**

Sound Absorptive Baffle (*Micro-Perforated Vinyl*)

### **MANUFACTURER**

Noisemaster® Baffles shall be manufactured by **THE PROUDFOOT CO., INC.**, Monroe, CT.

### **MATERIAL**

Noisemaster® Baffle **Model # WC-BAF-2** shall be made of 2.0 lb density fiberglass Type RA 1-1/2" thick. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-20 Fuel Contributed-15 Smoke Developed-20. The Fiberglass shall be encapsulated in a micro-perforated vinyl (12 colors). **Surface Burning Characteristics** Class (A) NFPA-701 Flame Spread-20 Smoke Developed-65. Each baffle will have grommets for suspension for either vertical or horizontal mounting. Grommets shall be either a compression type or a shoulder type grommet.

### **SIZE**

Each standard Baffle shall measure 121 cm (48.0 in.) wide by 61 cm (24.0 in.) high and 3.8 cm (1.50 in.) thick; or custom sizes up to 4ft x 8ft.

### **TESTING**

Noisemaster® Baffles shall have an NRC of 10.50 Sabins Per Unit (2ft. x 4ft Baffle).

## **INSTALLATION AND STORAGE**

The Baffles can be installed by suspending each baffle independently from the roof deck using 16ga. wire or by installing aircraft cable into the walls or truss sections. The baffles then can be installed directly onto the aircraft cable using a pliable wire. The aircraft cable should have a turn buckle on one side that should be tightened to prevent the baffles from sagging. The baffles are to be stored in their original boxes in a clean and dry location.

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**SPECIFICATIONS:**

**SECTION 09500**

**PART 2 PRODUCTS**

Sound Absorptive Baffle (*Micro-Perforated Vinyl*)

**MANUFACTURER**

Noisemaster® Baffles shall be manufactured by **THE PROUDFOOT CO., INC.**, Monroe, CT.

**MATERIAL**

Noisemaster® Baffle **Model # WC-BAF-3** shall be made of 3.0 lb density fiberglass Type RA 1-1/2" thick. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-20 Fuel Contributed-15 Smoke Developed-20. The Fiberglass shall be encapsulated in a micro-perforated vinyl (12 colors). **Surface Burning Characteristics** Class (A) NFPA-701 Flame Spread-20 Smoke Developed-65. Each baffle will have grommets for suspension for either vertical or horizontal mounting. Grommets shall be a shoulder type grommet.

**SIZE**

Each standard Baffle shall measure 121 cm (48.0 in.) wide by 61 cm (24.0 in.) high and 3.8 cm (1.50 in.) thick; or custom sizes up to 4ft x 8ft.

**TESTING**

Noisemaster® Baffles shall have an NRC of 10.50 Sabins Per Unit (2ft. x 4ft Baffle).

**INSTALLATION AND STORAGE**

The Baffles can be installed by suspending each baffle independently from the roof deck using 16ga. wire or by installing aircraft cable into the walls or truss sections. The baffles then can be installed directly onto the aircraft cable using a pliable wire. The aircraft cable should have a turn buckle on one side that should be tightened to prevent the baffles from sagging. The baffles are to be stored in their original boxes in a clean and dry location.

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**SPECIFICATIONS:**

**SECTION 09500**

**PART 2 PRODUCTS**

Sound Absorptive Baffle (*U.L. White Vinyl*)

## **MANUFACTURER**

Noisemaster® U.L. White Vinyl Baffles shall be manufactured by **THE PROUDFOOT CO., INC.**, Monroe, CT.

## **MATERIAL**

Noisemaster® U.L. White Vinyl Baffles shall be made of 3.0 lb density fiberglass Type RA 1-1/2" thick. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-20 Fuel Contributed-15 Smoke Developed-20. The Fiberglass shall be encapsulated in (.0032 in.) opaque white U.L. vinyl film. **Surface Burning Characteristics** (ASTM E-84) (U.L. 723) Flame Spread-25 Smoke Developed-50.

## **SIZE**

Each Baffle shall measure 121 cm (48.0 in.) wide by 61 cm (24.0 in.) high and 3.8 cm (1.50 in.) thick; + Custom sizes available.

## **TESTING**

Noisemaster® U.L. White Vinyl Baffles shall have an NRC of 10.5 Sabins Per Unit (2ft. x 4ft Baffle).

## **INSTALLATION AND STORAGE**

The Baffles can be installed by suspending each baffle independently from the roof deck using 16ga. wire or by installing aircraft cable into the walls or truss sections. The baffles then can be installed directly onto the aircraft cable using a pliable wire. The aircraft cable should have a turn buckle on one side that should be tightened to prevent the baffles from sagging. The baffles are to be stored in their original boxes in a clean and dry location.

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## **SPECIFICATIONS:**

### **SECTION 09500**

#### **PART 2 PRODUCTS**

Sound Absorptive Baffle (*Lapendary Banner*)

## **MANUFACTURER**

Noisemaster® Banner / Baffle Type PDT-2 shall be manufactured by **THE PROUDFOOT CO., INC.**, Monroe, CT.

## **MATERIAL**

Noisemaster® Banner/ Baffle TYPE PDT-2 consists of a flexible 2" thick high performance acoustical absorber. **Surface Burning Characteristics** (ASTM E-84-75) Flame Spread-5 Fuel

Contributed-20 Smoke Developed-5. The PDT-2 Banner / Baffle shall have a standard vinyl coated fiberglass cloth facing quilted on both sides of a 2" absorber, temperature limits -20°F to 200°F\*, available in grey, tan, black or white or optional Sailcloth nylon available in 13 colors or C.O.M. fabric. Stitch pattern shall be a 4" x 4" diamond stitch or 4", 8" or 12" straight stitch pattern.

### **SIZE**

Standard panel sizes are 48" wide by up to 25ft long with custom sizes available.

### **TESTING**

Noisemaster® PDT-2 Banner / Baffle shall have a minimum NRC rating of .85.

### **INSTALLATION AND STORAGE**

Noisemaster® PDT-2 Banner / Baffle are available with grommets installed as per design requirements. They are easily installed along walls or in ceiling spaces. The PDT-2 Banner / Baffles are to be stored in their original boxes in a clean and dry location.

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