

Airway (Ventilated) Buffs

These ventilated buffs are constructed with the highest quality of cotton sheeting and are securely held by closely spaced teeth on the steel ring center. These buffs are also referred to as closed-face airway buffs or airway buffs with normal construction.

The primary use of bias buffs is for heavy duty buffing and polishing of ferrous and non-ferrous metals and plastics on automatic and semi-automatic machines. There are also limited uses of bias buffs on hand buffing equipment.

Depending on the cutting and polishing needs, the bias airway buffs incorporate two variables that are directly related to the face of the wheel. Increasing the number of ply will increase the working face of the buff. The standard ply is 16; however, certain applications may warrant a different ply.

Secondly, increases in density or the amount of material per ply adds body and pleating to the buff. By increasing the density, the buff is given more cutting capacity. The most common density is the type 2 (or 2 pack) which has a medium amount of cut; however, more or less density can be achieved for specific applications.

Heat generated during buffing is less critical with bias type airway buffs because of their self cooling property. Therefore, this type of buff can be used in high speed applications and exhibits longer buff life. Airway buffs must always be used with center flanges which extend beyond outside edge of the steel ring.

MATERIAL

Cloth Type

60 x 60 Soft Finish – Unbleached Muslin

86 x 82 Regular Finish – Unbleached Muslin

86 x 82 Firm – Orange, Yellow or Red Treated

* Other treatments available upon request

Characteristics

Coloring (special order)

Cutting and Coloring

Cutting



UNBLEACHED MUSLIN AIRWAY BUFFS (UBM)

STOCK NO.	DIA.	CENTER	PLY	DESCRIPTION	CLASS	ARBOR
BUAV-1	8	3	16	68/72	# 2	5/8 arbor
BUAV-1a	8	3	20	86/82	# 2	1 1/4 arbor
BUAV-1C	8	3	16	unifirm	# 2	5/8 arbor
BUAV-2	10	3	16	86/82	# 2	1 1/4 arbor
BUAV-2a	10	3	16	unifirm	# 2	1 1/4 arbor
BUAV-2b	10	3	16	86/82	# 2	5/8 arbor
BUAV-2c	10	3	16	68/72	# 2	5/8 arbor
BUAV-3b	12	5	20	86/82	# 2	1 1/4 arbor
BUAV-3c	12	5	20	unifirm	# 2	1 1/4 arbor
BUAV-5	14	5	16	86/82	# 4	1 1/4 arbor
BUAV-5a, b	14	5	16 or 20	86/82	# 2	specify arbor
BUAV-5d	14	5	16	60/60	# 2	1 arbor
BUAV-6	16	7	20	86/82	# 4	1 1/4 arbor

TREATED AIRWAY BUFFS

STOCK NO.	DIA.	CENTER	PLY	DESCRIPTION	COLOR /CLASS	ARBOR
BUYA-2	8	3	16	86/80 – 60/60	Yellow Combo # 2	5/8 arbor
BUYA-2a	8	3	20	86/80	Yellow # 2	specify arbor
BUYA-3	10	3	16	86/82	Yellow # 2	specify arbor
BUYA-3d	10	3	16	86/80 – 60/60	Yellow Combo # 2	5/8 arbor
BUYA-3dd	10	3	16	86/82 – 60/60	Yellow/White # 2	5/8 arbor
BUYA-4	12	5	16	86/82	Yellow # 2	1 1/4 arbor
BUYA-5	14	5	16	68/82	Yellow # 4	1 1/4 arbor
BUYA-7	16	5 or 7	16	86/82	Yellow # 4	1 1/4 arbor

TREATED AIRWAY BUFFS

STOCK NO.	DIA.	CENTER	PLY	WEAVE	COLOR/CLASS	ARBOR
BUOA-2a	8	3	16	86/82	Orange #2	5/8 arbor
BUOA-2aa	10	3	16	86/82	Orange #2	5/8 arbor
BUOA-3	12	3	16	86/82	Orange #2	specify arbor
BUOA-4	14	5	16	86/82	Orange #2	1 1/4 arbor
BUOA-5	14	5	20	86/82	Orange #2	1 1/4 arbor
BUOA-6	16	7	16	86/82	Orange #2	1 1/4 arbor
BUOA-6b	16	7	20	86/82	Orange #4	1 1/4 arbor
BUPA-1	16	7	16	86/80	Pink Hard #2	specify arbor
BURA-4	14	5	16	86/82	Red #2	specify arbor
BUBF-2	12	5		86/82	Blue Fluted #2	1 1/4 arbor
BUBF-3	14	5		86/82	Blue Fluted #2	1 1/4 arbor

SPECIAL
ORDER
ONLY

Note: Additional sizes, treatments, centers and arbors available upon request. Special orders take approximately three weeks for delivery.

BUFF SELECTION CHART

Type of Material To Be Finished	CUT-DOWN BUFFING					COLOR BUFFING					SATIN FINISHING	
	Bias Cloth 86/82	Bias Sisal	Open-face Cloth & Sisal	Cloth Finger	Cloth & Sisal Finger	Full Disc Loose 64/64 80/80	Full Disc Sewed 64/64 80/80	Folded Pocket Type 64/64 80/80	Bias Cloth	Cloth Finger	Full Disc Loose 64/64 80/80	Full Disc Sewed 64/64 80/80
Extruded Aluminum	•	•	•	•			•	•	•		•	
Cast Aluminum Alloys	•	•		•	•		•	•	•		•	
Chromium	•					•			•	•		
Copper	•			•		•	•	•			•	•
Nickel & Alloys	•	•	•	•	•				•	•		•
Plastics	•					•	•	•	•			
Precious & Semi-Precious (Gold, Silver, etc.)	•					•	•		•			
Steel & Stainless Steel	•	•	•	•	•				•	•		•
Titanium	•	•	•	•	•		•	•	•	•		
Zinc	•			•		•	•	•	•		•	•

Felt Bobs and Wheels

The following bobs, cones and wheels are made from fine Spanish felt. They are used mostly in the die, mold, jewelry, and dental industries.

KNIFE-EDGE WHEELS, ranging in diameter from 1/2 inch to 3 inches, are recommended for polishing grooves, recesses, etc. Each wheel is individually turned and shaped. They are extra hard and durable.

CONES are manufactured with pointed or blunt ends in a variety of sizes and densities ranging from 1/4" x 1/2" to 3/4" x 1 1/2". Sizes are made to order.

SQUARE-EDGE WHEELS are made in four densities: soft, medium, hard, and rock hard. Standard diameter range from 1/2" to 3".

STANDARD SHAPED

MANDREL MOUNTED BOBS come in six shapes with diameters of 1/2", 3/4" or 1".

MOUNTED PLAIN FELT BOBS come in four densities: soft, medium, hard, and rock hard. They range in diameter from 3/4" to 1".

Some mounted plain bobs with medium density are carried in stock. All other items must be ordered; please allow four weeks for delivery.