Bias Airway Buffs

Since the advent of automatic buffing equipment, bias airway buffs have become the industry standard for buffing wheels. Although the buffing equipment will establish some parameters (similar to full disk sewn buffs) bias airway buffs may be constructed in a wide variety of fabrics and treatments.

The advantages of bias airway buffs over conventional buffs include durability, firmness and cooler running temperatures.

**TYPES OF CLOTH (SOFTEST TO HARDEST)**
- Standard Cotton (86/80)
- White Mill Treat Cotton
- Yellow Mill Treat Cotton
- Blue Mill Treat Cotton
- Orange Mill Treat Cotton

**SPECIALTY CLOTHS:** Domet, canton, 80/80, 60/60 (and seamless)

**SISAL CONSTRUCTIONS:** All sisal, or sisal/cloth combinations

**DIP TREATMENTS (TO ADD):**
- Firmness – Pliable to very hard
- Tackiness – to hold compound
- Fire Retardants

**BUFF SIZES**

<table>
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<tr>
<th>STANDARD BUFF DIAMETER†</th>
<th>RING SIZES AVAILABLE</th>
<th>DENSITY*</th>
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†Diameter may be trimmed to specific requirements.
*May depend on # of plys, cloth.
0 density available for bias and sisal.

△ 5 in. ring only
● 7 in. ring only
Conventional Buffing Wheels

Conventional buffs come in virtually unlimited constructions of materials, dimensions and treatments. In addition to the obvious choice of buff diameter and number of plys, full disk buffs may be constructed to fit a wide variety of requirements.

**CONVENTIONAL BUFFS – OPTIONS AND FEATURES**

**CLOTH OPTIONS**
- Standard Cotton (86/80)
- Mill Treatments, e.g. Yellow Mill Treatment
- 80/80, 60/60
- Domet or Canton
- Denim
- Sisal and sisal/cloth combinations

**SEWING OPTIONS**
- Spiral Sewn, 1/8" through 1/2" spacing
- Concentric Sewn
- Radial Arcs
- Square Sewn

**SIZE RANGE**
- 1" to 24" diameter
- 1 ply to 60, even 80 ply depending on cloth used and sewing pattern

**SPECIAL CONFIGURATIONS**
- Pocket Buffs — single and double fold
- Razor Buffs
- Polishing Wheels
Matchless Metal Product Families

**Buffing Compounds**
Bar and Liquid Compounds for all metals, plastics, and jewelry

**Buffing Wheels**
Bias Airway Buffs
Conventional Sewn Buffs
Contact Wheels
Polishing Wheels

**Industrial Parts Cleaners**
Aqueous Cleaners - Spray and Soak
Rust Inhibitors

**Abrasives**
Nonwoven Flapbrushes, Airway Buffs
Coated Abrasive Flapwheels

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