

PRODUCT DATA SHEET

UNDULATED NON-WOVEN BUFF



U.S. ELECTROFUSED MINERALS, INC.

600 Steel Street
Aliquippa, PA 15001
Information phone: (800)729-8826



TECHNICAL DATA

PRODUCT DESCRIPTION

UNDULATED NON-WOVEN BUFF is made using the Highest Quality Nylon backing and Corundum grade Aluminum Oxide abrasives. It is manufactured with an optimal balance between nylon backing and abrasive content. It is an ideal product for satin-finishing pieces in replacement of or in conjunction with Flapwheels. Available in grades from very fine to coarse, it can be utilized on both large scale automatic buffing machines and in manual operations. The USEM buffs are produced to exacting standards in an ISO 2001:9008 facility in order to provide long service life to customers, reducing down times and producing a consistent finish for the best possible cost per part.

PRODUCT CONSTRUCTION

Fabric	Grades	Color	Standard Buffs Diameters
100% Non-Woven	Very Fine - Coarse	Brown/Blue	From 14" to 18"

TYPICAL PHYSICAL PROPERTIES

Outside Diameter	14" – 18"
Center Diameter	215mm
Arbor Diameter	1/2" – 3.0"
Substrate	Nylon 6,6 - with Abrasives
Abrasives	Aluminum Oxide (Brown Color) Zirconium Oxide (Blue Color) Silicon Carbide (Black Color)
Typical Operating Temperature	Up to 220 degrees Fahrenheit

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FEATURES

- Various Grades available from Very Fine to Coarse with abrasives including Aluminum Oxide, Zirconium Oxide and Silicon Carbide to fit almost any application.
- Continual restoration of the abrasive granules assures uniformity and consistency of the finished part.
- Excellent adaptability for various applications – can be used either dry or with lubricants.
- Does not contaminate the surface of the finished part, ensuring consistency for subsequent finishing operations such as plating or coating.
- Can be used with various substrates such as: Steel, all grades, Aluminum, Brass, Bronze, Zinc, Titanium, Wood, Ceramic, Glass, Plastic, Fiberglass, Wood, Paints and Lacquers, and Marble.
- All Products Manufactured in ISO 9001:2008 registered facility

RECOMMENDATIONS

- Can be used individually or joined together as an excellent option to replace Flapwheels at a much better cost per part.

PACKAGING

Up to 400 buffs per pallet depending on the size of the buff.