



Technical Data

3M™ Red Buffer Pad 5100

Description

3M™ Red Buffer Pad 5100 is a floor maintenance buffing pad made of polyester fiber in an open textured, non-woven construction. Cleaning and polishing abrasive particles are dispersed throughout and bonded to the non-woven construction with a durable resin system that permeates the entire pad. Unique design and durable construction make these pads the industry standard for consistent performance and long life.

- Designed to be used for spray cleaning or dry buffing of hard surface floors
- For use on standard, low speed automatic scrubbers and rotary floor machines (175 – 600 rpm)

Applications

This product is used for spray cleaning or dry buffing under a rotary floor machine. It is also used for light scrubbing using water or detergent solution under standard, low speed automatic scrubbers.

For use on finish-coated flooring such as sheet vinyl, vinyl tile, marble, terrazzo or concrete.

Features and Benefits

Uniform coating throughout every 3M™ floor pad reduces the number of knots and clumps, which eliminates scratching of floors while providing greater consistency and extended pad life.

Pads are reversible and will not be significantly affected by water, detergents, or cleaners normally used for floor maintenance.

Exact standards for quality mean thickness uniformity from edge to edge and pad to pad are exceptional, resulting in consistent performance without pad wobble or machine vibration. The precise center-hole placement and roundness of the pads also contributes to the smooth operation which extends pad life and helps reduce operator fatigue.

Packaging and Marking

Each carton shall be labeled to identify the contents by product name, size and manufacturer. Each pad shall be printed with manufacturer's name.

- 5 pads per case

Standard Sizes

Circular discs and other shapes are available in a variety of common sizes. Pads are nominally one inch thick.

Pad Use and Cleaning

Dust mop floors before and after spray cleaning or buffing. If floors are heavily soiled damp mop prior to spray cleaning or buffing. Dust mop prior to scrubbing with an automatic scrubber. Rinse floor and let dry prior to opening to traffic.

Pads may be hosed out using a pressure spray nozzle to remove soil. Pads may be soaked in detergent solution to dissolve caked soil or finish prior to hosing out.

Storage

Store indoors in original packaging and under normal facility conditions.

Typical Physical Properties and Performance Characteristics

	3M™ Red Buffer Pad 5100	Test Method
Fiber Type	Polyester	
Fiber Size	Mixture of Sizes	
Weight (4" by 6")	21.2 g	
O.D. Dimension	Designated Size ± 1/16"	SB 61
Thickness	1" Nominal	SB 66
Alkali Resistance (Tensile Retention)	99%	SB 1.6.3
Wear (Weight Loss)	30%	SB 2.0
Packaging Recycle Content	50-100% post-consumer recycled material	

Explanation of Signal Word Consequences



DANGER:

Indicates a hazardous situation which, if not avoided, will result in serious injury or death



WARNING:

Indicates a hazardous situation which, if not avoided, could result in serious injury or death

DANGER

- To reduce the risks associated with inhalation of or exposure to contaminants:
 - DO NOT use this product on any asbestos-containing material.

WARNING

- To reduce the risks associated with inhalation of or exposure to contaminants:
 - Ensure this product is used in the recommended applications with the suggested equipment.
 - Do not allow this product to be used by untrained operators.
 - Always follow standard safety practices, including wearing appropriate protective apparel and eye protection, while using this product.

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Important Notice to User

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Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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