



## Product Description

3M™ Red Buffer Pad 5100 is a floor maintenance, cleaning and buffing pad made of polyester fiber in an open textured, nonwoven 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 auto-scrubbing, 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 may help reduce operator fatigue.

### Quick Links

[Facilities Website](#)

[Safety Data Sheets \(SDS\)](#)

Some of these links lead to web-based resources that are not product-specific.

## Packaging and Marking

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

## 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.

## Product Characteristics

| 3M™ Red Buffer Pad 5100               |                               | Test Method |
|---------------------------------------|-------------------------------|-------------|
| Fiber Type                            | Polyester                     | N/A         |
| Weight (4 in. by 6 in.)               | 16.8 g                        | CCD0015     |
| O.D. Dimension                        | Designated Size<br>± 1/16 in. | CCD0004     |
| Thickness                             | 1 in. nominal                 | CCD0002     |
| Alkali Resistance (Tensile Retention) | 98%                           | CCD0005,6   |
| Aggressiveness                        | NA                            | CCD0020     |
| Packaging Recycle Content             | 50-100% recycled content      | N/A         |



3M™ Red Buffer Pad 5100 is certified by Green Seal® for Environmental Innovation based on a design for significantly improved initial and mid-life performance compared to competitive products, extending the useful life of the floor pad and reducing solid waste generation. [GreenSeal.org](http://GreenSeal.org).

**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.

## Health and Safety

**CAUTION**

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to [3M.com/SDS](https://www.3m.com/SDS), or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

## Technical Information

Technical information and data, recommendations, and other statements provided by 3M are based on information, tests, or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed. Such technical

information and data are intended for persons with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. The typical values shown should not be used for the purpose of specification limits. If you have questions about this Product, contact the **Customer Service Department at 1-800-852-9722**.

## 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.

## Warranty

3M warrants that each 3M product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## Limited Remedy

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

## Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

### Commercial Solutions

3M Center, Building 220-12E-04  
St. Paul, MN 55144

1-800-852-9722  
[3M.com/Facility](https://www.3m.com/Facility)

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