



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3M™ Clean-Walk Unframed Mats

5830 Series

Description

3M™ Clean-Walk Unframed Mats 5830 Series are a multi-sheeted adhesive system that removes dirt and contaminants from shoe soles, wheels, and other passing objects on contact. Comprised of a thin adhesive backed colored base topped by 30 or 60 removable adhesive polyethylene sheets that lock direct in place until discarded.

Special Features

- Contains antimicrobial properties that inhibit fungal growth in the mat.
- Acrylic adhesive securely adheres mat to smooth floor surfaces such as concrete and resists adhesive transfer when removed.
- Adhesive sheets hold dirt securely until discarded to help provide a cleaner work environment.
- Individually tabbed and numbered sheets remove quickly and easily, exposing a clean sheet ready for immediate use.
- Numbered sheets help ensure one sheet removal and identify the number of remaining applications.
- Low profile construction reduces the risk of workers tripping and allows free movement of foot or wheel traffic.

- Unlike beveled edged products, edge remains clean during use.
- Helps extend the life of floor surfaces by reducing the amount of contamination caused by foot traffic.

Applications

- Not recommended for use on carpeted surfaces – for carpeted surfaces 3M™ Clean-Walk Framed Mat 5840 should be considered.
- For use in industrial settings to prevent contamination between high traffic production areas and office environments.
- Ideal for fabricated metal shops, machinery and electronics equipment operations, printing and publishing facilities, construction and remodeling projects, health care facilities, warehouses, office, commercial and government buildings.
- For use in clean room entrances.
- Perfect for use with other non-adhesive mats for a complete mat protection program.

Application Techniques

- Apply to a clean, dry floor surface free of dirt, oil and other contaminants.
- Not intended for outdoor use or use in areas with excessive moisture or direct sunlight.

General Use Directions

Refer to product directions “3M™ Clean-Walk Unframed Mats 5830 Series” for specific use instructions.

Storage

Store under normal conditions of 60°F to 80°F (16°C to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 12 months from date of manufacture.

Construction

Sheet Count	Backing	Adhesive	Color	Standard Mat Sizes
3M™ Clean-Walk Unframed Mat 5830 – 30 sheets/mat	Polyethylene Film	Acrylic	Transparent sheets on a white bottom sheet	18 in. x 36 in. (45 cm x 91 cm) 18 in. x 46 in. (45 cm x 116 cm) 25 in. x 45 in. (63 cm x 114 cm)
3M™ Clean-Walk Unframed Mat 5836 – 60 sheets/mat	Polyethylene Film	Acrylic	Transparent sheets on a white bottom sheet	18 in. x 36 in. (45 cm x 91 cm) 18 in. x 46 in. (45 cm x 116 cm) this size is also available with transparent sheets over a gray bottom sheet 24 in. x 36 in. (63 cm x 91 cm) 25 in. x 45 in. (63 cm x 114 cm) this size is also available with transparent sheets over a blue bottom sheet 36 in. x 46 in. (91 cm x 116 cm) 48 in. x 60 in. (121 cm x 152 cm)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Thickness:

Test Method: ASTM D-3652

Backing Thickness: 1.2 mils (0.03 mm)

Total Mat Thickness:

- 3M™ Clean-Walk Unframed Mat 5830, 0.055 in. (1.3 mm) nominal
- 3M™ Clean-Walk Unframed Mat 5836, 0.097 in. (2.4 mm) nominal

Temperature Use Range:

50°F to 10°F (10°C to 38°C)

Microbiological:

Test Method: ASTM G21

Inhibiting to fungal growth

User Responsibility

Users are responsible for familiarizing themselves with product instructions and information. Visit our website at www.3M.com/floorprotection, or contact your local 3M representative or distributor for more information.

Important Notice to Purchaser

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the performance and useful life of 3M™ Clean-Walk Unframed Mats 5830 Series, including the type and preparation of the surface, and the conditions of use. User is solely responsible for evaluating the product and determining whether it is fit for user's particular purpose and for adequately maintaining the product.

Warranty, Limited Remedy, and Disclaimer

3M warrants that its 3M™ Clean-Walk Unframed Mats 5830 Series will be free from defects in material and manufacture at the time 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. If a 3M™ Clean-Walk Unframed Mat 5830 Series 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.

Limitation of Liability

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