



# Clean-Walk Unframed Mats

## 5830 Series

### Technical Data

February, 2004

#### Product 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 base topped by 30 or 60 removable adhesive polyethylene sheets that lock dirt in place until discarded.

#### Construction

Sheet Count	Backing	Adhesive	Color	Standard Mat Sizes
3M™ Clean-Walk Unframed Mat 830 – 30 sheets/mat 3M™ Clean-Walk Unframed Mat 5836 – 60 sheets/mat (1 case minimum)	Polyethylene Film	Acrylic	Base Pad – white* Sheets – Transparent	18 in. x 36 in. (457 mm x 914 mm)
				18 in. x 45 in. (457 mm x 1143 mm)
3M™ Clean-Walk Unframed Mat 5838 – 60 sheets/mat (5 case minimum)				25 in. x 45 in. (635 mm x 1143 mm)
				24 in. x 36 in. (609 mm x 914 mm)
				36 in. x 36 in. (914 mm x 914 mm)
				36 in. x 46 in. (914 mm x 1168 mm)
				36 in. x 60 in. (914 mm x 1524 mm)
				36 in. x 72 in. (914 mm x 1828 mm)
				48 in. x 60 in. (1219 mm x 1524 mm)

\*Contact your local 3M sales representative for information on available custom sizes and custom colors in blue and gray.

#### 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.**

	ASTM Test Method
Backing Thickness:	1.2 mils (0.03 mm) D-3652
Total Mat Thickness:	
3M Mat 5830 (30 sheet/mat)	0.054 in. (1.4 mm) nominal
3M Mats 5836/5838 (60 sheets/mat)	0.095 in. (2.4 mm) nominal
Temperature Use Range:	50°F to 100°F (10°C to 38°C)

#### Features

- 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 and carpeted surfaces by reducing the amount of contamination caused by foot traffic.
- Packed 4 mats per case and sealed in a protective wrap to help keep mats clean until use.

# 3M™ Clean-Walk Unframed Mats

## 5830 Series

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- Application Ideas**
- 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.

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- 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.

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**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.

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

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**For Additional Information** To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/industrialtape](http://www.3M.com/industrialtape). Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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