



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.

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Application Ideas	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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.
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.
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 . 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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