



Clean-Walk Unframed Mats

5830 Series

Technical Data

November, 2010

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 colored 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 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.

		ASTM Test Method
Backing Thickness:	1.2 mils (0.03 mm)	D-3652
Total Mat Thickness:		
3M Mat 5830 (30 sheet/mat)	0.055 in. (1.3 mm) nominal	
3M Mats 5836 (60 sheets/mat)	0.097 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.

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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.

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.

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.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

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