

Product Description

3M™ Maintenance Sorbents are made from inert, synthetic fibers, principally polypropylene and polyester. They are available in a wide range of formats, are lightweight and nominally dust-free, and their high absorption capacity minimizes waste disposal. They are intended for use to help control accidental and routine leaks, drips, and spills of oils, lubricants, and other non-aggressive liquids commonly found in industry to help maintain a clean work environment.

Typical Liquids Absorbed

3M™ Maintenance Sorbents are suitable for absorbing oils, lubricants, petrol cutting fluids, and coolants. They absorb most liquid alcohols, esters, halocarbons, hydrocarbons, and silicones.

Table A. Typical Liquids Absorbed

Liquid Type	Examples
Coolants/Heat Transfer Fluids	Water, Alcohol, Oils, Glycols
Lubricants	Oils, Water, Silicone Oils
Hydraulic Fluids	Hydraulic Oils, Water, Oil/Water Emulsions
Cutting Oils/Forming Fluids	Oils (mineral, emulsified)
Solvents	Turpentine, Toluene, Xylene, Paraffin
Crankcase Oils	Oils (natural, synthetic)

Product Types

- **Drum covers:** Rectangular pads with perforated circles designed to fit on top of 55 gal (208.2 L) drum.
- **Folded:** Perforated every 16 in. (40 cm) and can be unfolded to be used as booms, pillows, sheets, or rolls.
- **Minibooms:** Also known as a sock, minibooms are generally used for land applications to contain and absorb spills.
- **Pillows:** Used for bulk absorption of oil on land or water. Particularly useful in drains to act as interceptors.
- **Pads:** A highly adaptable format, pads come in bulk for flexible usage and can be used in wiping applications.
- **Rolls:** Rolls can be used to achieve fast coverage of large surface areas, including on water, and they can be easily torn to length. They are also usable as a mat to keep shorelines or banks clean and to place used sorbents upon.
- **Rugs:** Absorbent rugs help keep floors clean by absorbing oils and grease from shoes, equipment, and vehicles.

Color

Table B. 3M™ Maintenance Sorbents by Color

Product	Color
High capacity pads and rolls	Light gray
Mini booms	White with black print
Pillows	White with black print
Rugs	Dark gray

NOTE

Pads and rolls darken when wet to indicate their saturation level.

Limitations of Use

3M recommends conducting a compatibility test with the liquid of interest prior to using 3M™ Maintenance Sorbents. Such a compatibility test is essential prior to use in temperatures over 140°F (60°C).

Do NOT use 3M™ Maintenance Sorbents on aggressive liquids, strong acids, caustic oxidizers, or reactive chemicals. In particular there is a risk of the sorbents degrading when they contact any of the following: oleum, chlorosulfonic acid, liquid bromine, fuming nitric acid, chromic acid, sulfuric acid, and hydrogen peroxide.

Precautions

3M™ Maintenance Sorbents are not in themselves hazardous products. However, they do take on the characteristics of the liquids they absorb. Ensure adequate precautions are taken when handling or storing hazardous and/or flammable materials and that appropriate personal protective equipment is worn. Users should be informed of the risks incurred in the use, storage, and disposal of used sorbents.

Disposal

Dispose of used sorbents only in accordance with local and national regulations. Consult your disposal company for their recommendations.

Waste Minimization

3M recommends minimizing waste streams wherever possible. 3M sorbents promote minimization via their high absorption capacity. Where laws allow, 3M sorbents can be disposed of by incineration yielding less than 0.2% ash (ASTM D-482). The high energy value of the sorbents is also favorable for incineration and waste-to-fuel systems.

Sustainability

High capacity sorbents contain at least 25% post-industrial recycled content by weight.

Absorption/Sorbency Capacities

The sorbent capacity quoted in the table below is based on testing per ASTM F 726-17. In brief, the sorbent samples were immersed in a "medium" density oil, drained and weighed. Data presented are nominal; there will be variability in sorbent performance. Capacity and speed of absorption will differ depending on the liquid's polarity, surface tension, and viscosity. Ambient temperature may also affect results. Therefore, results will vary by application.

Table C. Absorption/Sorbency Capacities

Product Number	Size	Count per Case	Case Shipping Weight	Nominal capacity per case ASTM F 726-17
Drum Cover				
M-DC22DD	26 in. by 26 in. (66 cm by 66 cm)	25	5 lbs (2.3 kg)	11.8 gal (44.7 L)
Folded				
M-FL550DD high capacity	5 in by 50 ft (12.7 cm by 15.2 m)	3	14 lbs (6.4 kg)	42.6 gal (161.3 L)
Minibooms				
M-MB304	3 in. diameter by 4 ft. (7.6 cm diameter by 121.9 cm)	12	13 lbs (5.9 kg)	15.6 gal (59.1 L)
M-MB308	4 in. diameter by 8 ft (10.2 cm diameter by 243.8 cm)	6	13 lbs (5.9 kg)	15.6 gal (59.1 L)
M-MB312	4 in. diameter by 12 ft (10.2 cm diameter by 365.8 cm)	4	13 lbs (5.9 kg)	15.6 gal (59.1 L)
Pillows				
M-PL715	7 in. by 15 in. (17.8 cm by 38.1 cm)	16	7 lbs (3.2 kg)	12.6 gal (47.7 L)
Pads				
M-PD720GG	7.5 in. by 20.5 in. (19.1 cm by 52.1 cm)	100	13 lbs (5.9 kg)	33.6 gal (127.2 L)
M-PD1520DD	15.5 in. by 20.5 in. (39.4 cm by 52.1 cm)	100	10 lbs (4.5 kg)	39.6 gal (149.9 L)
Rolls				
M-RL15150DD	15.5 in. by 150 ft (39.4 cm by 45.7 m)	1	9 lbs (4.1 kg)	34.8 gal (131.7 L)
M-RL38150DD	38 in. by 150 ft (96.5 cm by 45.7 m)	1	21 lbs (9.5 kg)	85.3 gal (322.9 L)

Product Number	Size	Count per Case	Case Shipping Weight	Nominal capacity per case ASTM F 726-17
Rugs				
M-RG36300E	36 in. by 300 ft (91.4 cm by 91.4 m)	1	55 lbs (25.0 kg)	57.6 gal (322.9 L)
MRGC36100E with coating	36 in. by 100 ft (91.4 cm by 30.5 m)	1	24 lbs (10.9 kg)	11.4 gal (43.2 L)

Health and Safety

Chemicals

When handling any chemical products, read the manufacturers' container labels and the safety data sheets (SDS) for important health, safety, and environmental information.

[Follow this link to obtain SDS sheets for 3M products.](#)

[Follow this link to obtain information about substances of very high concern \(SVHC\) for EU products.](#)

Tools and Equipment Usage

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

Warranty Information

Technical Information

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Product Selection and 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. Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment, reviewing all applicable regulations and standards, and reviewing the product label and use instructions. Failure to properly evaluate, select, and use a 3M product in accordance with instructions or to meet all applicable safety regulations may result in injury, sickness, death, and/or harm to property.

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Commercial Branding and Transportation

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