

## Product Description

3M™ Chemical 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 to help control of spills of certain hazardous liquids.

### Typical Liquids Absorbed

3M™ Chemical Sorbents are suitable for absorbing a wide range of liquids including certain acids, bases, coolants, petroleum based fluids, non-aggressive chemicals, and aqueous based solutions.

### Product Types

- **Folded:** Perforated every 16 in. (40.6 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. 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.
- **Particulate:** For fast coverage and absorption of spills.
- **Rolls:** Rolls can be used to achieve fast coverage of large surface areas, and they can be easily torn to length.
- **Spill Kits and Response Packs:** Each spill kit/response pack contains a different set of sorbents and temporary disposal bags. They are compact for easy storage and help achieve quick response times.

### Color

The yellow color provides high visibility to alert workers of a chemical spill.

Product	Color
Pads and Rolls	Yellow
Particulate	Yellow
Mini-booms	White with black print
Pillows	White with black print

## Limitations of Use

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

Do NOT use 3M™ Chemical Sorbents on oleum, chlorosulfonic acid, liquid bromine, fuming nitric acid, chromic acid, sulfuric acid and hydrogen peroxide as there is a risk of the sorbents degrading when in contact with any of these chemicals.

## Precautions

3M™ Chemical 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 A.** Absorption/Sorbency Capacities

Product Number	Size	Count per Case	Case Shipping Weight	Nominal capacity per case ASTM F 726-17
<b>Folded</b>				
<b>C-FL550DD high capacity</b>	5 in. by 50 ft (12.7 cm by 15 m)	3	14 lbs (6.4 kg)	44.7 gal (169.2 L)
<b>Minibooms</b>				
<b>P-200</b>	3 in. diameter by 4 ft (7.6 cm diameter by 121.9 cm)	12	13 lbs (5.9 kg)	15.5 gal (58.7 L)
<b>P-208</b>	4 in. diameter by 8 ft (10.1 cm diameter by 243.8 cm)	6	13 lbs (5.9 kg)	15.5 gal (58.7 L)
<b>P-212</b>	4 in. diameter by 12 ft (10.1 cm diameter by 365.8 cm)	4	13 lbs (5.9 kg)	15.5 gal (58.7 L)
<b>Pillows</b>				
<b>P-300</b>	7 in. by 15 in. (17.8 cm by 38.1 cm)	16	14 lbs (6.4 kg)	11.8 gal (44.7 L)
<b>Pads</b>				
<b>C-PD914DD</b>	9.5 in. by 14.5 in. (24.1 cm by 36.8 cm)	150	10 lbs (4.5 kg)	26.3 gal (99.6 L)
<b>P-110</b>	11 in. by 13 in. (27.9 cm by 33 cm)	200	14 lbs (6.4 kg)	18.0 gal (68.1 L)
<b>Particulate</b>				
<b>P-500</b>	12 pounds bulk (5.4 kg)	1 case	13 lbs (5.9 kg)	25.8 gal (97.7 L)
<b>Rolls</b>				
<b>C-RL15150DD</b>	15.25 in by 150 ft (38.7 cm by 45.7 m)	1	9 lbs (4.1 kg)	24 gal (90.8 L)*
<b>C-RL38150DD</b>	38 in by 150 (96.5 cm by 45.7 m)	1	21 lbs (9.5 kg)	60.5 gal (229 L)*
<b>Spill Kits</b>				
<b>C-SKFL5</b>	<b>C-FL550DD:</b> 5 in. by 26 ft (12.7 cm by 7.9 m)	3 rolls	7 lbs (3.2 kg)	23.3 gal (88.2 L)
<b>C-SKFL31</b>	<b>C-FL550DD rolls:</b> 5 in. by 50 ft (12.7 cm by 15 m) <b>Pads:</b> 17 in. by 19 in. (43.2 cm by 48.3 cm)	2 rolls 30 pads	18 lbs (8.2 kg)	42.5 gal (160.9 L)
<b>SRP-Chem</b>	<b>P-200 minibooms:</b> 3 in. diameter by 4 ft (7.6 cm diameter by 121.9 cm) <b>P-110 pads:</b> 11 in. by 13 in. (27.9 cm by 33 cm)	9 minibooms 30 pads	13 lbs (5.9 kg)	14.3 gal (54.1 L)

\*Tested according to ASTM F 726-06.

## 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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