

Product Description

3M™ Petroleum 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. HP Series anti-static sorbent products have a charge dissipating polypropylene scrim and are packaged in charge dissipating film, and are designed for use in low temperature and low humidity to help reduce the risk of sparking.

3M™ Petroleum Sorbents are intended for use to aid the control of spills of hydrocarbons on water and on land. 3M™ Petroleum sorbents repel water and float (as long as surfactants are not also present).

Typical Liquids Absorbed

3M™ Petroleum Sorbents are suitable for absorbing hydrocarbons and non-polar organic solvents, eg., oil, paraffin, diesel, benzene, alcohols, toluene, trichloroethane, esters, and ethers.

Product Types

- **Booms:** Booms are anchored at each end and can be connected together to form barriers. They are intended to be positioned across still or moving water to contain, channel, and absorb oil spills.
- **Drum covers:** Rectangular pads with perforated circles designed to fit on top of 55 gal (208.2 L) drums.
- **Folded:** Folded sorbents are 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 used as a mat to keep shorelines or banks clean and to place used sorbents upon.
- **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.
- **Sweep:** Particulate material that can be broadcast over a large area or sprinkled directly on top of spills.

Color

Product	Color
High capacity sheets and rolls	White
T Series sheets and rolls	White
Booms	Bright orange
Pillows	Bright orange

Limitations of Use

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

Do NOT use 3M™ Petroleum Sorbents on aqueous or 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™ Petroleum 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 for the materials absorbed. 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™ Petroleum 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
Pads				
HP-156 high capacity	17 in. by 19 in. (43.2 cm by 48.3 cm)	100	9 lbs (4.1 kg)	38.7 gal (108.6 L)
HP-157 high capacity	34 in. by 38 in. (86 cm by 96.5 cm)	50	17 lbs (7.7 kg)	77.4 gal (293.0 L)
HP-255 high capacity	17 in. by 19 in. (43.2 cm by 48.3 cm)	50	9 lbs (4.1 kg)	33.3 gal (126.1 L)
HP-556 high capacity static resistant	17 in. by 19 in. (43.2 cm by 48.3 cm)	100	9 lbs (4.1 kg)	37.8 gal (143.1 L)
HP-557 high capacity static resistant	34 in. by 38 in. (86 cm by 96.5 cm)	50	17 lbs (7.7 kg)	75.6 gal (286.2 L)
T-151	17 in. by 19 in. (43.2 cm by 48.3 cm)	200	21 lbs (9.5 kg)	38.7 gal (108.6 L)
T-156	17 in. by 19 in. (43.2 cm by 48.3 cm)	100	22 lbs (10 kg)	36.2 gal (137.0 L)
T-157	34 in. by 38 in. (86.4 cm by 96.5 cm)	50	40 lbs (18.2 kg)	72.5 gal (274.4 L)

Product Number	Size	Count per Case	Case Shipping Weight	Nominal capacity per case ASTM F 726-17
Rolls				
HP-100 high capacity	38 in. by 144 ft (96.5 cm by 43.9 m)	1	18 lbs (8.2 kg)	78.6 gal (297.5 L)
HP-500 high capacity static resistant	38 in. by 144 ft (96.5 cm by 43.9 m)	1	18 lbs (8.2 kg)	76.8 gal (290.7 L)
T-100	38 in. by 144 ft (96.5 cm by 43.9 m)	1	40 lbs (18.2 kg)	73.7 gal (279.0 L)
T-190	19 in. by 144 ft (48.3 cm by 43.9 m)	1	20 lbs (9.1 kg)	36.8 gal (139.3 L)
Booms				
T-270	8 in. diameter by 10 ft (20.3 cm diameter by 3 m)	4	55 lbs (25 kg)	69.3 gal (262.3 L)
T-280	Two side-by-side 4 in. diameter by 10 ft (10.2 cm diameter by 3 m)	4	28 lbs (12.7 kg)	36.8 gal (139.3 L)
Drum Cover				
P-DC22DD high capacity	26 in. by 26 in. (66 cm by 66 cm)	25	5 lbs (2.3 kg)	13 gal (49.2 L)*
Folded				
P-FL550DD high capacity	5 in. by 50 ft (12.7 cm by 15.2 m)	3	14 lbs (6.4 kg)	41.0 gal (155.2 L)
Minibooms				
T-4	3 in. diameter by 4 ft (7.6 cm diameter by 121.9 cm)	12	13 lbs (5.9 kg)	15.7 gal (59.4 L)
T-8	4 in. diameter by 8 ft (10.2 cm diameter by 243.8 cm)	6	13 lbs (5.9 kg)	15.7 gal (59.4 L)
T-12	4 in. diameter by 12 ft (10.2 cm diameter by 365.8 cm)	4	13 lbs (5.9 kg)	15.7 gal (59.4 L)
Pillows				
T-30 mini-pillow	7 in. by 15 in. (17.8 cm by 38.1 cm)	16	7 lbs (3.2 kg)	12.7 gal (48.1 L)
T-240	5 in. by 14 in. by 38 in. (12.7 cm by 35.6 cm by 96.5 cm)	10	28 lbs (12.7 kg)	55.3 gal (209.3 L)
29026	7 in. by 15 in. (17.8 cm by 38.1 cm)	16	7 lbs (3.2 kg)	9 gal (34.1 L)*
Sweep				
T-126	21 in. by 100 ft (53.3 cm by 30 m)	1	15 lbs (6.8 kg)	28.3 gal (107.1 L)
Spill Kits				
P-SKFL5	P-FL550DD: 5 in. by 26 ft (12.7 cm by 7.9 m)	3 rolls	8 lbs (3.4 kg)	23.2 gal (87.8 L)
P-SKFL31	P-FL550DD rolls: 5 in. by 50 ft (12.7 cm by 15 m) HP-156 pads: 17 in. by 19 in. (43.2 cm by 48.3 cm)	2 rolls 30 pads	18 lbs (8.1 kg)	38.9 gal (147.3 L)
SRP-Petro	T-4 minibooms: 3 in. diameter by 4 ft (7.6 cm diameter by 121.9 cm) HP-156 pads: 17 in. by 19 in. (43.2 cm by 48.3 cm)	9 minibooms 15 pads	13 lbs (4.8 kg)	17.4 gal (65.9 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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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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