

3M™ Chemical & Universal Sorbents



The 3M range of chemical & universal sorbents are relatively inert and powerful enough to handle dilute acids, bases, solvents, oils and many other hazardous liquid spills on land – eliminating the need to stock several different sorbent types.

Features

- Made from inert polypropylene and polyester fibres
- Suitable for a wide range of liquids
- Identifiable colouring for easy identification and visibility
- High absorption capacity minimises amount of waste for disposal
- Available in a wide range of formats
 - Booms
 - Pillows
 - Rolls
 - Sheets
 - Folded Sorbent
- Lightweight, Easy to deploy and dust free
- Can be wrung out and reused

Examples

Acids	Acetic Acid, Hydrochloric 15%, Phosphoric
Bases	Sodium Hydroxide, Ammonium Hydroxide
Hydrocarbons / Oils	Diesel, Petrol, Mineral Oil, Toluene, Styrene
Ketones	Acetone, Methyl Ethyl Ketone
Alcohols	Ethanol, Propanol
Chlorinated Solvents	Perchloroethylene, Trichloroethane
Others	Water, Milk, Detergents, Blood

3M Chemical & Universal Sorbents are suitable for absorbing a very wide range of liquids. The above list is by no means exhaustive.

Product	Capacity	Dimensions	3M Order Code
CPD914DD Pads	590ml per pad	23cm x 36cm	70070408235
CRL15150DD Roll	117L per roll	45m x 38cm	70070408243
P200 Mini Boom	3.8L per boom	1.2m x 7.5cm	0292805
P300 Pillow	2L per pad	23cm x 38cm	0292797
CFL550DD Folded	40L per box	45cm x 15m	70070517167
CRSK-170	180L per kit	240L wheely bin	0410571
CSRK-30	35L per kit	60L Drum	0410563
SRCB-Chem	25L per kit	Cabin Bag	0398826
SRP-Chem	17L per kit	Core flute carton	AT010561077



Protecting your way of life.

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3M Emergency Stock Program

3M has sorbent emergency stock located around the country. We have supported Australian ports & industry for years and our locations include, Sydney, Newcastle, Wollongong, Canberra, Perth, Karratha & Townsville. To access the 3M Emergency Stock Program simply call 1800 802 902 24hrs a day.

Limitations

Do not use 3M Chemical & Universal Sorbents with the following concentrated chemicals as there is a risk of degradation: Oleum, Chlorosulphonic acid, Liquid bromine, Fuming nitric acid, Chromic acid, Sulphuric acid and Hydrogen peroxide. 3M recommends that a compatibility test be carried out prior to using the absorbent with the liquid concerned. For use in temperatures over 60°C it is essential that such a compatibility test is made prior to use.

Precautions

3M Chemical & Universal Sorbents are not in themselves hazardous products, however, they take on the characteristics of the liquids they absorb. Adequate precautions should be taken when handling or storing hazardous / inflammable materials and appropriate personal protective equipment should be worn. Users should be informed of the risks incurred in use, storage and disposal of used sorbents.

Disposal

Dispose of used sorbents only in accordance with local and national regulations. Disposal companies should be consulted for their recommendations.

Waste Minimisation

3M recommends that waste streams should wherever possible be minimised. 3M sorbents promote minimisation by only being a small part of the total waste. In addition, where laws allow, 3M Chemical & Universal Sorbents can be disposed of by incineration yielding less than 0.02% ash (ASTM D-482). The high energy value of the sorbents (46,000 KJ / Kg) is also favourable for incineration and waste-to-fuel systems. Furthermore, 3M sorbents may be wrung out and reused (90% recovery using mechanical wringing according to ASTM F726-81). The recovered liquid may itself then be reused or disposed of.



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