expert guide /

Environmental Management:
Spill containment & control

www.arco.co.uk
Arco is the UK’s leading supplier of personal protective equipment, workwear and workplace safety products offering a world-class range of over 26,000 products.

As Experts in Safety we are widely recognised as a provider of specialist advice through our branch network and this is further supported by our training and consultancy division ARC Safety Services. We reach our customers through an extensive product catalogue, interactive website and 40 strong local branch network and we pride ourselves on providing customers with great availability, performance and price.

Founded in 1884 Arco has a heritage spanning four generations. With traditional family values at the heart of the business we pride ourselves on our core values; respect, hard work, enterprise and excellence in reputation. In 2007 Arco was the first distributor in our industry to become a member of the Ethical Trading Initiative (ETI) and in 2019 we became a member of Sedex, the Supplier Ethical Data Exchange. Our supply chain management has recently been re-awarded a ‘Big Tick’ Award for Excellence from Business in the Community. At Arco we are dedicated to our Corporate Social Responsibility programme and continually demonstrate this by supporting local communities and charities donating in excess of 1% of pre tax profits annually.

As part of our commitment to safety this guide is designed to help you ensure you are storing fluids safely and have processes in place to manage any potential spills.

We not only offer a full range of spill control products but also: site surveys, management of spill kits and spill response training. We can guide you to achieve compliance with all the latest regulations and, above all maintain a safe and environmentally responsible site.

Environmental Management Systems Compliance

An Environmental Management System is a series of processes and systems that need to be put in place to ensure that day to day operations do not have an impact on the local environment. We can provide support and guidance to help you to deliver compliance with environmental management systems, such as BS EN ISO 14001. All of these services are available to either a single or multi-site location company. Key aspects of our support and services are:

• **Site Surveys:** We are able to visit site and conduct a no obligation, free of charge, site survey. The audit will involve a complete assessment of your site to identify high risk areas for potential spillages. We will identify storage requirements for legal compliance to the Oil Storage Regulations, and will advise on how to implement a complete Spill Management Programme. Further to this we can offer recommendations and assistance in achieving certification to Environmental Management Systems such as BS EN ISO 14001. Please contact your local Arco branch to arrange a site survey.

• **Tool box:** an entry level view of how to use spill kits and understanding how the products work. (Code: 29T0004)

• **Basic:** a more detailed insight into spillage management which is essential for any facility that is looking to implement an Environmental Management System. (Code: 29T0001)

• **Intermediate:** a more in depth approach to spillage management which supports your company in achieving an Environmental Permit (England and Wales) or a Pollution Prevention and Control (PPC) Permit (Northern Ireland or Scotland) or an Environmental Management System. (Code: 29T0002)

• **Advanced:** key aspects of the Intermediate program are supplemented with the subject of how to assess your site’s risk from potential spillages This course will support your advanced Environmental Management Systems such as ISO 14001. We can also modify this course to a Train the Trainer module to ensure a high level of awareness is maintained using your own team of trained individuals. Both options of the advanced modules include a written test to ensure competence. (Code: 29T0003)

Please contact your local Arco branch to discuss your course requirements further.
A spill can be defined as the uncontrolled release of a substance sufficient in size and nature to present a threat to the environment and / or people.

Accidental spills of hazardous liquids, oil, fuel or chemicals can cause serious health and safety and environmental problems and current legislation is in place to protect people and the environment. If spillages are not controlled and damaging consequences occur then severe penalties can be issued to businesses. Having the correct products and procedures in readiness will reduce the negative impact that a spill would cause, not only on people and the environment but also on your business. Arco offer a comprehensive range of spill control products which will enable you to be prepared for any accidental spillage.

If primary and secondary containment fail then, dependant on the size and type of spill, the two main methods of dealing with spills are: absorbents which are designed to contain and recover a spillage or loose absorbents such as clay granules and specialty powders which tend to be used on smaller spills.

**Absorbents**

Absorbents are one of the most effective ways of cleaning up spills, having the correct type of absorbents will allow you to manage any potential spillages that may occur. Choose the most appropriate combination for your site needs, alternatively choose a spill control kit and have a quantity of each on site. Absorbents are available in:

- socks and minibooms to contain a spillage area
- rolls, pads and pillows to recover the spillage.

Arco supply three ranges of absorbents, each of which can be used for three specific groups of liquids:

- **Maintenance**: designed for non aggressive oil & water based fluids. Maintenance absorbents are hydrophilic and always grey in colour to allow for easy identification.

- **Oil**: designed for oils, these absorbents are hydrophobic, and so repel water and absorb oil. Suitable for use in areas where an oil spill is considered a high risk, oil absorbents are always white in colour to allow for easy identification.

- **Chemical**: designed to absorb aggressive chemical spills, these absorbents are always yellow in colour to allow for easy identification. Always ensure the correct PPE & clothing is worn when dealing with chemical spills and that correct disposal of the absorbents is undertaken once used.

**Loose Absorbents**

Loose absorbent granules are a solution designed for quick and efficient clean up of oil, fuel, chemical and general spills. Ideal for small areas the granules are simply applied around the spill to control it. They gradually mix with the spill, and absorb all the excess liquid ready to be swept up.

To report an environmental incident, contact the following incident hotline as soon as possible.

0800 80 70 60
Ecospill Elite Absorbents

The Ecospill Elite range has been developed to provide a higher wear resistance due to its heavy duty cover stock plus the absorbents have up to 20% more absorbency than other industrial alternatives. The absorbents have been produced using only virgin fibres to guarantee a consistent quality and performance.

Maintenance Absorbents

Suitable for: Ideal for spills of non aggressive oils and water based fluids.
Identification: Grey in colour
Available in: Pads and rolls

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Pad</td>
<td>50cm x 40 cm</td>
<td>Box of 100</td>
<td>1.2 per pad</td>
<td>56L2097</td>
</tr>
<tr>
<td>Maintenance Roll</td>
<td>50cm x 40 metre</td>
<td>1</td>
<td>120</td>
<td>56L2098</td>
</tr>
</tbody>
</table>

Oil Absorbents

Suitable for: Ideal for spills of oils
Identification: White in colour
Available in: Pads and rolls

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Pad</td>
<td>50cm x 40 cm</td>
<td>Box of 100</td>
<td>1.2 per pad</td>
<td>56L2099</td>
</tr>
<tr>
<td>Oil Roll</td>
<td>50cm x 40 metre</td>
<td>1</td>
<td>120</td>
<td>56L2100</td>
</tr>
</tbody>
</table>

Chemical Absorbents

Suitable for: Ideal for spills of aggressive chemicals.
Identification: Yellow in colour
Available in: Pads and rolls

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Pad</td>
<td>50cm x 40 cm</td>
<td>Box of 100</td>
<td>1.2 per pad</td>
<td>56L2101</td>
</tr>
<tr>
<td>Chemical Roll</td>
<td>50cm x 40 metre</td>
<td>1</td>
<td>120</td>
<td>56L2102</td>
</tr>
</tbody>
</table>

Ecospill Elite Spill Kits

Ecospill Elite Spill Kits are contained in a strong vinyl holdall which is cut resistant and features a reflective strip to improve visibility of the kit in the event of a spillage in poorly illuminated areas.

Elite 15 litre Spill Kits
These kits are suitable for smaller leaks and spills. The absorbents included will provide a higher individual absorbency compared to other alternatives so minor spillages could be retained within the product eliminating secondary contamination.

- Kits contain: 8 pads, 1 sock, 2 disposal bags and ties.
- Maintenance: 56L2124
- Oil: 56L2120
- Chemical: 56L2122

Elite 30 litre Spill Kits
Perfect for providing emergency response for locations storing up to 30 litre drums of fluids. All kits contain pads, pillows and socks which are a necessity for any fluid containment situation which could occur up to 30 litres.

- Kits contain: 16 pads, 2 socks and 4 disposal bags and ties.
- Maintenance: 56L2124
- Oil: 56L2123
- Chemical: 56L2125

Elite 50 litre Spill Kits
The contents of this kit will provide both containment and recovery of fluids of up to 50 Litres.

- Kits contain: 25 pads, 3 socks, 2 pillows and 5 disposal bags and ties.
- Maintenance: 56L2127
- Oil: 56L2126
- Chemical: 56L2128

Disposing of Absorbents

After dealing with a spill you must ensure the contaminated absorbents are disposed of in compliance with waste regulations and in clearly labelled hazardous waste bags.

Hazardous Waste Bags

- Colour: Blue
- Quantity: 50
- Code: 5656400
Ecospill Sustainable Absorbents

Ecospill Sustainable Absorbents are manufactured using raw materials from sustainable resources and are made using a process which uses substantially less heat than used in existing polypropylene absorbent production, ultimately delivering a carbon footprint 60% less than traditional meltblown absorbents. Specifying these absorbents will prove an automatic continuous improvement which is necessary for an Environmental Management System such as ISO14001.

The comprehensive range of Ecospill Sustainable Absorbents can be used to tackle spills of many fluids including general maintenance fluids and oil, now, for the first time new developments in this area mean that there is a sustainable solution to tackling chemical spillages as well.

Maintenance Absorbents

Designed to absorb non aggressive oil and water based fluids. Suitable for most indoor industrial applications these absorbents are ideal for mixed liquid spills, including oil, fuels, solvents, coolants, water and foodstuffs such as milk or wine. This product contains a specific absorbent fibre which maximises fluid retention.

Suitable for: Ideal for spills of non aggressive oils and water based fluids.
Identification: Grey in colour.
Available in: Pads, pillows, rolls and socks.

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
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</thead>
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<td>41 x 46</td>
<td>100</td>
<td>1.5 per pad</td>
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<tr>
<td>Maintenance Pillow</td>
<td>40 x 30</td>
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<td>4.0 per pillow</td>
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<tr>
<td>Maintenance Roll</td>
<td>36 x 460</td>
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<td>130.0</td>
<td>56L2105</td>
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<tr>
<td>Maintenance Sock</td>
<td>7.5 x 120</td>
<td>20</td>
<td>4.5</td>
<td>56L2106</td>
</tr>
</tbody>
</table>

Maintenance Antislip Pad

This highly absorbent pad has an anti-slip membrane on its base which prevents fluid from transferring through the product onto the floor or work surface. Using super absorbent technologies the liquid turns into a gel like substance once absorbed into the pad to deliver increased fluid retention and maximum absorption.

Size: 41x46cm
Quantity: 100
Code: 56L2114
Absorbency: 1.5 litres per pad

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
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<tbody>
<tr>
<td>Oil Pad</td>
<td>41 x 46</td>
<td>100</td>
<td>1.0 Litres per pad</td>
<td>56L2107</td>
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<tr>
<td>Oil Pillow</td>
<td>40 x 30</td>
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<td>4.0 Litres per pillow</td>
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<td>Oil Roll</td>
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<td>Oil Sock</td>
<td>7.5 x 120</td>
<td>20</td>
<td>4.0</td>
<td>56L2109</td>
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</tbody>
</table>

Oil Absorbents

Manufactured with hydrophobic properties, oil absorbents repel water and absorb only oil. Ideal for outdoor oil spillages, they also float on water even when fully saturated with oil allowing easy pick up and disposal.

Suitable for: Oils
Identification: White in colour
Available in: Pads, pillows, rolls and socks.

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Pad</td>
<td>41 x 46</td>
<td>100</td>
<td>1.0 per pad</td>
<td>56L2118</td>
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<tr>
<td>Chemical Roll</td>
<td>36 x 460</td>
<td>1</td>
<td>90.0</td>
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</table>

Oil Antislip Pad

This highly absorbent pad has an anti-slip membrane on its base which prevents fluid from transferring through the product onto the floor or work surface.

Size: 41x46cm
Quantity: 100
Code: 56L2115
Absorbency: 1 litre per pad

Chemical Absorbents

Designed to be used with aggressive fluids such as acids or alkalies, always yellow in colour to allow for easy identification and to alert users to ensure they wear the correct Personal Protective Equipment (PPE) and dispose of correctly.

Suitable for: Chemicals
Identification: Yellow in colour
Available in: Pads and rolls.

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
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<tr>
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<td>100</td>
<td>1.0 per pad</td>
<td>56L2118</td>
</tr>
<tr>
<td>Chemical Roll</td>
<td>36 x 460</td>
<td>1</td>
<td>90.0</td>
<td>56L2119</td>
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</tbody>
</table>
Arco Absorbents

This comprehensive range of Arco absorbents will provide a practical solution for all environments and situations. Manufactured using a highly absorbent melt blown fibre with a wear resistant cove stock they are a cost effective solution to manage your spill control requirements.

Maintenance Absorbents
Suitable for: Ideal for spills of non aggressive oils and water based fluids.

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
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<tr>
<td>Maintenance Pad</td>
<td>50 x 40</td>
<td>Box of 100</td>
<td>1.0 per pad</td>
<td>5656302</td>
</tr>
<tr>
<td>Maintenance Roll</td>
<td>50 x 400</td>
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<td>100</td>
<td>5656303</td>
</tr>
<tr>
<td>Maintenance Pillow</td>
<td>50 x 40</td>
<td>Box of 10</td>
<td>4</td>
<td>5656305</td>
</tr>
<tr>
<td>Maintenance Sock</td>
<td>7.5 x 12</td>
<td>25</td>
<td>5</td>
<td>5656306</td>
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</table>

Oil Absorbents
Suitable for: Oils
Identification: White in colour. Available in: Sheets, pads, rolls, pillows, socks and booms.

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
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<tbody>
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<td>Box of 200</td>
<td>0.5 per sheet</td>
<td>5656201</td>
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<tr>
<td>Oil Pad</td>
<td>50 x 40</td>
<td>Box of 100</td>
<td>1 per pad</td>
<td>5656202</td>
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<tr>
<td>Oil Roll</td>
<td>50 x 400</td>
<td>1</td>
<td>100</td>
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<tr>
<td>Oil Roll</td>
<td>90 x 400</td>
<td>1</td>
<td>180</td>
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<tr>
<td>Oil Pillow</td>
<td>40 x 50</td>
<td>10</td>
<td>6</td>
<td>5656205</td>
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<tr>
<td>Oil Sock</td>
<td>7.5 x 12</td>
<td>25</td>
<td>4</td>
<td>5656206</td>
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<tr>
<td>Oil Boom</td>
<td>12 x 300</td>
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<td>29.5</td>
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<tr>
<td>Oil Boom</td>
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<td>1</td>
<td>79</td>
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Chemical Absorbents
Suitable for: Chemicals

<table>
<thead>
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<th>Size (cm)</th>
<th>Quantity</th>
<th>Absorbency (Litres)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Sheet</td>
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<td>Box of 200</td>
<td>0.5</td>
<td>5666001</td>
</tr>
<tr>
<td>Chemical Pad</td>
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<td>Box of 100</td>
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<tr>
<td>Chemical Roll</td>
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<td>1</td>
<td>80</td>
<td>5666003</td>
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<tr>
<td>Chemical Pillow</td>
<td>40 x 50</td>
<td>1</td>
<td>6</td>
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<tr>
<td>Chemical Sock</td>
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<td>25</td>
<td>4</td>
<td>5666006</td>
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<tr>
<td>Chemical Boom</td>
<td>12 x 300</td>
<td>1</td>
<td>29.5</td>
<td>5666007</td>
</tr>
</tbody>
</table>

Arco Spill kits

Arco Spill Kits are designed to offer the perfect combination of pads, booms, sheets & hazard waste bags to deal with your spill risk. These kits are designed to be strategically placed at key spill risk areas to provide an immediate solution should a spill occur. Once used, the contents should be maintained and stock replaced by purchasing the individual items.

500, 250 and 120 litre spill kits are supplied in large plastic durable containers which are weatherproof and made of UV stabilised material making them suitable for indoor or outdoor applications. The containers are wheelied which allows the spill kit to be quickly and easily mobilised to the scene of the incident.

Arco 500 litre Spill kit
Arco 500 litre spill kits contain 200 pads, 100 sheets, 40 pads (maintenance and oil) or 55 pads (chemical) or 55 chemical socks, 2 booms, 40 metre roll, 55 litres of leak block granules, 40 metres of black/yellow hazard warning tape 25 waste bags and black ratchet ties plus 40 metres of black / yellow warning tape.
Maintenance: 5656025 Oil: 5656225 Chemical: 5656125

Arco 250 litre Spill kit
100 pads, 100 sheets, 20 socks, 1 x 5 litre leak block granules, 10 waste bags & 10 ratchet ties plus a spill kit instruction/incident leaflet.
Oil and chemical kits also contain 50 metres of yellow hazard warning tape. Oil spill kits also contain an oil boom.
Maintenance: 56L2062 Oil: 5656226 Chemical: 5656126

Arco 120 litre Spill kit
Arco 120 litre spill kits contain: 60 pads, 12 socks, 1 x 1.0 litre leak block granules, 50 metres of black and yellow hazard warning tape, 5 bags & ties.
Oil spill kits also contain an oil boom.
Maintenance: 56L2063 Oil: 56L2111

Arco 90 litre Spill kit
Arco 90 litre spill kits contain: 57 pads (maintenance and oil) or 65 pads (chemical), 12 socks, 50 metres of black/yellow hazard warning tape, 5 waste bags, and 5 black ratchet ties plus a spill kit instruction/incident leaflet. Chemical spill kits also contain 1 litre of leak block granules.
Chemical spill kits also contain 1 litre of leak block granules.
Maintenance: 56L2112 Oil: 5656223 Chemical: 5656123

Arco 30 litre Spill kit
Arco 30 litre spill kits are supplied in clip top bags and contain: 20 pads, 4 socks, 2 waste bags & 2 ties
Maintenance: 56L2061 Oil: 5656222 Chemical: 5656122

Arco 15 litre Spill kit
Arco 15 litre spill kits are supplied in clip top bags and contain: 10 pads, 2 socks, 1 bag & tie.
Maintenance: 56L2060 Oil: 5656221 Chemical: 5656121

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Spill Dispensing Stations

Store absorbents in an area which is both highly visible and convenient so they can be quickly and easily accessed in the event of a spill. Dispensing stations can be used to store a combination of absorbents including pads, rolls or socks. Keeping absorbents readily available means that they are on hand for use in an emergency and they can also be used on a day to day basis for small spills. Always ensure that the contents of the unit are topped up as and when any absorbents have been used. Should you have a requirement for several spill dispensing stations around your site; Arco can offer management and restocking of units.

Spill Dispensing Station
Manufactured from steel this unit is both a functional storage unit and an absorbent dispenser. The Spill Vending Station provides easy access to the absorbents when a spill emergency occurs and features a roll holder at the top for ease of dispensing and a lockable unit at the bottom to secure items. The unit can be used to store Ecospill Elite, Ecospill Sustainable, and Arco absorbents.

Size: (h x w x d) 1351 x 550 x 550mm
Code: 56L2113

Plastic Spill Dispensing Station
Manufactured from strong polypropylene this Spill Dispensing Station offers a convenient way to store and access absorbents when a spill incident occurs. The unit features a roll holder which is suitable for Ecospill Elite, Ecospill Sustainable and Arco absorbents. The lockable unit below allows for additional items which are required less frequently to be stored securely.

Size: (h x w x d) 1520 x 725 x 640mm
Code: 56L2089

Loose Absorbents: Granules

Absorbent granules are a solution designed for quick and efficient clean up of oil, fuel, chemical and general spills. They are ideal for use on small spill areas. Simply apply granules around the spill to control it and then gradually mix with the spilled liquid, the absorbents absorb all of the excess liquid and can be easily swept up. As soon as granules are used they take on the characteristics of the product absorbed, and contaminated granules should be disposed of appropriately.

Absorbent Granules
A 20 litre bag of absorbing compound which offers maximum absorbency for oil spills and which is also suitable for use with most non aggressive fluids. Containing premium grade granules with a size of 1mm to 3mm the granules are also virtually dust free. This compound conforms to M.O.D. specifications and meets British Rail Specifications 629 A. (British Rail CAT NO 7/19887 British Rail Contract No: 245). One bag of granules will absorb 14 litres of water or 12 litres of oil.

Code: 5650200

Contractors Absorbent Compound
A 20 litre bag of absorbent sweeping compound which offers great value for money when dealing with liquid spills. This compound meets British Rail Specifications 629 A, (British Rail CAT NO 7/19887 British Rail Contract No: 245). One bag of compound will absorb 11 litres of water or six litres of standard engine oil.

Code: 5650300

Organic Absorbent Compound
A 30 litre bag of oil absorbing compound which is manufactured using green cellulose from natural sustainable sources. One bag of compound will absorb 15 litres.

Code: 5650400

Drain Protection

As soon as a spill occurs any nearby drains should be blocked to avoid the substance contaminating the drainage system. Keep drain protection items in a convenient location that is easily accessible when a spill occurs.

Drain Cover Set: 5656500
Clay Drain Mat: 5657000
Polyurethane Drain Mat: 5657110

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Primary containment will ordinarily prevent spills from happening. All hazardous liquids should be stored in containers which are fit for purpose, correctly labelled and then regularly inspected and maintained to ensure that they are not corroded or leaking.

As a further precaution we would recommend secondary spill containment with containers being stored on spill pallets or trays which would contain any small leaks. All containers should be stored in areas which are sited away from water courses, drains and unmade surfaces.

It is essential that pollutants are not allowed to enter water courses such as brooks, streams, rivers and lakes, nor should they be allowed to leak through the ground layer and enter the water table. Spills should not be allowed to spread into the local environment particularly conservation areas and populated districts.

Any operations involving containers of hazardous liquids, such as unloading or decanting must not take place over an open drain. We would recommend that procedures are put in place for the safe delivery and handling of all liquid materials and that training on these procedures is provided.

Oil Storage Regulations

Oil storage regulations are now a legal requirement in both England and Scotland. In Ireland and Wales companies need to be aware of their duty of care in terms of pollution and the environment. If you are unsure and need help and support with these issues contact your nearest Arco branch.

If you are located in England the Control of Pollution (Oil Storage) (England) Regulations 2001 will apply. In Scotland you will be covered by the Water Environment (Oil Storage) (Scotland) Regulations 2006. The appropriate legislation for Northern Ireland is the Control of Pollution (Oil Storage) (Northern Ireland) Regulations SR2010/412. Wales is not covered by these regulations but there may be other legislation which applies in this area.

These regulations apply to any industrial, commercial or institutional site storing 200 litres or more of oil or fuel above ground in one or more containers. In England the regulations only apply to outdoor storage, although the recommended ‘Pollution Prevention Guidelines’ from the environment agency would apply to indoor storage. In Scotland the regulations apply to both outdoor and indoor storage.

The Oil Storage Regulations are designed to prevent oil spills. In the event of a spill accident you may be prosecuted and fined if oil from your site enters the ground or watercourses. You may also have to pay substantial clean-up costs.

All containers storing oil or fuel, whether a drum, an IBC (Intermediate Bulk Containers) or a tank must be sufficiently bunded within themselves or stood on a spill pallet or drip tray that provides sufficient containment. The bund must have sufficient capacity to:
- Contain 110% of the contents of the largest container;
- Or 25% of the total capacity stored, whichever is greater.

In the case of single drums, a drip tray with a capacity of 25% of the contents is normally acceptable, apart from drums sited in high-risk areas.
**Drum Storage**

**Spill Pallet**
The Arco Spill Pallet is suitable for use with drums containing oils, fuels and other fluids. It enables the storage of oil in compliance with oil storage regulations in England, Wales and Scotland. Manufactured from 100% recyclable structural grade polyethylene it can be used both indoors and outdoors. The Spill Pallet features a removable platform to assist maintenance and a smooth finish to pallet and platform enables easy cleaning.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Safe Working Load</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tray</td>
<td>190 x 870 x 330</td>
<td>250</td>
<td>1350</td>
<td>5</td>
<td>56L2040</td>
</tr>
<tr>
<td>Funnel</td>
<td>230 x 610 x 350</td>
<td>N/A</td>
<td>N/A</td>
<td>5</td>
<td>56L2039</td>
</tr>
</tbody>
</table>

**Bunded Flooring Module**
A fully modular flooring system for the safe storage of drums in internal dispensing areas to maintain a safe and tidy site. Modules can be used individually or linked together to create a larger storage area. Manufactured in the UK using 100% recyclable structural grade polyethylene the Flooring Modules can be used both indoors and outdoors. Each module features removable platforms with a slip-resistant texture.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Safe Working Load</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arco 2 Drum Bunded Flooring Module</td>
<td>1260 x 860 x 150</td>
<td>120</td>
<td>1350</td>
<td>46</td>
<td>56L2030</td>
</tr>
<tr>
<td>Arco 4 Drum Bunded Flooring Module</td>
<td>1660 x 1290 x 150</td>
<td>240</td>
<td>2700</td>
<td>56L2031</td>
<td></td>
</tr>
</tbody>
</table>

**All Weather Spill Pallet**
This all weather spill pallet is ideal for the outside storage of up to four drums. It is easy to use with shutter doors that can be secured with a padlock (not supplied) for extra security.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Safe Working Load</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1560 x 1730 x 2110</td>
<td>250</td>
<td>2700</td>
<td>155</td>
<td>56L2093</td>
<td></td>
</tr>
</tbody>
</table>

**Horizontal Drum Store**
Combines the horizontal stacking unit with the base and dispensing unit to deliver efficient storage of drums.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Safe Working Load</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arco 2 Drum Horizontal Base &amp; Dispensing unit</td>
<td>1375 x 1350 x 635</td>
<td>345</td>
<td>1350</td>
<td>15</td>
<td>56L2037</td>
</tr>
<tr>
<td>Arco 4 Drum Horizontal store &amp; stacking unit</td>
<td>1375 x 940 x 390</td>
<td>N/A</td>
<td>1350</td>
<td>15</td>
<td>56L2037</td>
</tr>
</tbody>
</table>

**Trolley**
This trolley can be used to ensure the easy and safe transportation of 250 litre drums, requiring one operator only to load and transport the drum. The Trolley can be used as additional drum storage or as a convenient dispensing unit. Using the trolley to control dispensing will ensures all spills are caught when pouring contents.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Safe Working Load</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trolley</td>
<td>815 x 1740 x 680</td>
<td>250</td>
<td>42</td>
<td>155</td>
<td>56L2042</td>
</tr>
</tbody>
</table>

**Drum Plug**
A plug that is activated by moisture and used to plug holes in damaged tanks or drums stopping a potential spillage at its source.

**Tray and Funnel**
A tray and funnel designed to be used in conjunction with each other when loading contents into a drum. Designed for use with 210 litre drums the tray ensures any residue liquid is caught and contained and the funnel features high sides to contain splashes and enables accurate filling of the drum.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Safe Working Load</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tray</td>
<td>190 x 870</td>
<td>50 litres</td>
<td>5</td>
<td>56L2040</td>
<td></td>
</tr>
<tr>
<td>Funnel</td>
<td>230 x 610</td>
<td>N/A</td>
<td>4</td>
<td>56L2039</td>
<td></td>
</tr>
</tbody>
</table>

**Drum**

<table>
<thead>
<tr>
<th>Description</th>
<th>Size (L x W x D) mm</th>
<th>Capacity (Litres)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arco 2 Drum Spill Pallet</td>
<td>1220 x 820 x 330</td>
<td>250</td>
<td>56L2028</td>
</tr>
<tr>
<td>Arco 4 Drum Spill Pallet</td>
<td>1280 x 1280 x 275</td>
<td>250</td>
<td>56L2029</td>
</tr>
</tbody>
</table>

www.arco.co.uk
Spill Trays

Designed to accommodate the requirements of all industries, Arco Spill Trays provide a versatile modular system for the storage of smaller containers. Optional platform inserts provide a unique non-slip textured upper surface.

<table>
<thead>
<tr>
<th>Capacity (Litre)</th>
<th>Size (mm)</th>
<th>Safe Working Load (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 with platform</td>
<td>600 x 400 x 155</td>
<td>50</td>
<td>56L2053</td>
</tr>
<tr>
<td>20</td>
<td>600 x 400 x 155</td>
<td>-</td>
<td>56L2054</td>
</tr>
<tr>
<td>30 with platform</td>
<td>800 x 400 x 155</td>
<td>50</td>
<td>56L2055</td>
</tr>
<tr>
<td>30</td>
<td>800 x 400 x 155</td>
<td>-</td>
<td>56L2056</td>
</tr>
<tr>
<td>40 with platform</td>
<td>800 x 600 x 155</td>
<td>100</td>
<td>56L2057</td>
</tr>
<tr>
<td>40</td>
<td>800 x 600 x 155</td>
<td>-</td>
<td>56L2058</td>
</tr>
</tbody>
</table>

IBC Spill Pallets

Arco Spill Pallets are manufactured from strong polypropylene which will withstand all environments. Single IBC pallets can be supplied in conjunction with the following accessories:

- complete with load platform for extra strength
- complete with load platform plus tubular frame and flexible cover to keep rainwater out
- complete with load platform plus an integral bucket to allow for easy dispensing

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (mm)</th>
<th>Capacity (litres)</th>
<th>Safe Working Load (kg)</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single IBC Pallet</td>
<td>1450 x 1450 x 1000</td>
<td>1100</td>
<td>2000</td>
<td>75</td>
<td>56L2046</td>
</tr>
<tr>
<td>Single IBC Pallet with Load Platform</td>
<td>1450 x 1450 x 1000</td>
<td>1100</td>
<td>2000</td>
<td>105</td>
<td>56L2047</td>
</tr>
<tr>
<td>Double IBC Pallet with Load Platform</td>
<td>1950 x 1400 x 725</td>
<td>1100</td>
<td>3000</td>
<td>120</td>
<td>56L2051</td>
</tr>
<tr>
<td>Single IBC Pallet with Load Platform plus Frame &amp; Cover</td>
<td>1760 x 1350 x 2410</td>
<td>1100</td>
<td>1500</td>
<td>119</td>
<td>56L2045</td>
</tr>
<tr>
<td>Double IBC Pallet with Load Platform plus Frame &amp; Cover</td>
<td>2560 x 1350 x 2210</td>
<td>1140</td>
<td>2500</td>
<td>156</td>
<td>56L2043</td>
</tr>
<tr>
<td>Single IBC Pallet with Integral bucket space and load platform</td>
<td>1760 x 1350 x 710</td>
<td>1100</td>
<td>1500</td>
<td>105</td>
<td>56L2049</td>
</tr>
</tbody>
</table>

IBC Dispensing Tray

Designed for use with any IBC pallet this useful tray can be moved into place when required, to avoid spillage when dispensing from IBCs.

<table>
<thead>
<tr>
<th>Product</th>
<th>Size (mm)</th>
<th>Capacity (litres)</th>
<th>Safe Working Load (kg)</th>
<th>Weight (kg)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBC Dispensing Tray</td>
<td>640 x 590 x 1066</td>
<td>130</td>
<td>n/a</td>
<td>13</td>
<td>56L2048</td>
</tr>
</tbody>
</table>

Spill Aftercare

Bioremediation involves the use of microorganisms to remove pollutants. Arco can offer a wide range of solutions to help remove oil stains. Solutions are available for both solid and porous surfaces and stains can be removed effectively from concrete, block paving, tarmac or brick bund walls. Bioremediation involves using enzymes that are activated by the introduction of water. Once activated they feed on any oil present, converting it into carbon dioxide and dirty water. For more information contact your local Arco branch.

An example showing pictures of a before and after bioremediation trial can be seen below. You can see a heavily soiled concrete surface being treated then left for 40 minutes followed by a second picture showing the results.

Arco Oil Emulsifier

Arco Oil Emulsifier is designed to be used with cellulose absorbents in all areas of oil and hydrocarbon bioremediation, and is intended for use with hydrocarbon spillages during road building. The solution uses bacterial activity to emulsify the hydrocarbon chains into fatty acids, and eventually sugar and water. The emulsifier is non-corrosive, non-flammable and biodegradable.

Supplied in a 5 litre container.

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