

Experts in Safety

arco[®]

expert guide /

Environmental Management: Winter workplace safety



De-icing Salt / Winter Wizard / Salt Spreading Equipment / Snow Shovels / Winter Car Accessories / Heaters / Workwear / Head Protection / Gloves / Footwear / Jackets & Fleeces

www.arco.co.uk



arco®

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 priding 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 2010 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.

contents

| | |
|-----------------------------------|-----------|
| INTRODUCTION | 1 |
| SALT AND SALT SPREADING | 3 |
| A Guide to Safer Salting | 4 |
| De-icing Salt | 5 |
| Winter Wizard | 6 |
| Grit Bins | 6 |
| Salt Spreaders – Drop | 7 |
| Salt Spreaders – Spinner | 8 |
| Snow Ploughs for Fork Lift Trucks | 9 |
| Snow Shovels | 10 |
| WINTER CAR ACCESSORIES | 11 |
| HEATERS | 12 |
| WORKWEAR | |
| Safety Helmets and Hats | 13 |
| Gloves and Hand Warmers | 15 |
| Thermal Boots and Wellies | 16 |
| Thermal Socks and Underwear | 17 |
| Jackets and Fleeces | 18 |



Stay Safe this winter – avoid slip, trips and falls.

As Experts in Safety we are committed to helping you keep your workplace a safe one. During the winter months severe weather conditions such as snow and ice can cause a massive amount of disruption to your sites, not only can they potentially cause lost time and site closure but worse they can put your staff at risk of slips, trips and falls which can lead to serious injuries.

Both the Health and Safety at Work Act 1974 and the Occupiers Liability Act make it the duty of the employer to ensure that their employees and anyone else entering their site are kept safe from harm. As far as is reasonably practicable, employers must keep the means of entry and exit to their premises well maintained and in a condition that is safe and without risk to either its employees or to other site visitors. The Health and Safety Executive's Approved Code of Practice; 'The Workplace Health, Safety and Welfare Regulations' 1992 state that "arrangements should be made to minimise risks from snow and ice. This may involve gritting, snow clearing and closure of some routes, particularly outside stairs, ladders and walkways on roofs."

We recommend that you create a Business Continuity Plan that will minimise all of the risks caused by snow and ice, then begin to make preparations well in advance of winter so that you can be prepared to take action as soon as you need to. Don't wait for that first heavy frost or surprise snow fall, when temperatures drop you need to be in a position to keep your staff safe. Think what you need to include in the plan; you may need to issue winter workwear or protective equipment with thermal properties to keep your staff warm, you will almost certainly need to de-ice or clear snow from footpaths, car parks and any other surrounding areas clear, risk free and safe.

It is often unclear who is responsible for areas surrounding a site, The Institute of Occupational Safety and Health states: "Deciding whether to grit beyond the boundaries of (a) property needs to be carefully considered by companies. If access to the premises is covered in ice, companies may choose to grit the access to help their staff and visitors arrive and leave safely, even though it's not their property. However, in this instance, if they failed to grit the surface properly and someone had an accident as a result, then they could incur some liability."

They also recommend that "As a general rule, though, it's sensible for firms to consider the risks and take reasonable steps to prevent accidents from happening. If this means gritting outside the boundaries of your workplace, then it's better to do that than to have people slipping over or involved in car crashes on your doorstep."

We have brought together a range of winter products to help you keep your site open and safe this winter. We are experienced in the provision of de-icing salt and can supply quantities from single bags, to tonnes of loose salt direct to your site. We also offer a full range of salt spreading and snow clearing products. This year we have also added items of personal protective equipment (PPE) and workwear, all of which are specifically designed to keep you and your employees warm, comfortable and safe whilst they work.

For more information and advice on winter workplace safety please contact your local branch or visit your local trade counter.



Salt and Salt Spreading

In normal weather conditions it's easy to get salt because the UK has domestic salt reserves yielding 2 million tonnes per year. However in the severe winter of 2008/9 the UK used 3 million tonnes of salt and exhausted its indigenous resources.

The country can't mine salt fast enough to replenish its stocks from winter to winter. To overcome this problem we have secured access to unlimited supplies of Marine Salt which is sourced from sustainable sources around the world. We have the experience to fulfil your needs for salt and deliver it to you.

There are three main types of salt:



Marine Salt

comes from collecting seawater and evaporating the water to allow the salt to crystallise.



Rock Salt

is mined from salt deposits underground which are remnants of prehistoric areas.



Vacuum Salt

(or Table Salt) is made by the re-crystallisation of purified brine in a vacuum.



A Guide to Safer Salting

Salt is the most cost effective de-icer available. In order to make roads, pavements walkways safer we use salt to make them less slippery and to add as much grip to the surface as possible.

How Salt Works

Salt, otherwise known as sodium chloride, has two properties that make it an effective de-icer.

- **Salt is hygroscopic:** this means that it attracts and absorbs moisture from the atmosphere.
- **Salt is also exothermic:** this means that when it comes into contact with moisture it heats up fractionally. This melts the ice or snow, and once these have turned into a liquid brine solution, the residue has a much lower freezing point than pure water. This makes it much less likely to freeze will also continue to melt any ice and snow around it.

Limits Of Salt

Salt requires two conditions to melt snow and ice.

- **Moisture:** As the temperature falls below freezing, levels of atmospheric humidity can reduce. When temperatures reach minus five the level of moisture left in the atmosphere is so greatly reduced the salt has nothing to draw in and start its melting process. Recent American studies have shown that even at minus three salt is reduced in effectiveness by almost 70%. Wind chill will lower temperatures even more and a night at minus five with wind may result in the salt being completely ineffective as a de-icing agent.
- **A high enough concentration:** Follow the suggested application rates for the most efficient concentrations required.

Spreading Salt

- **Spread Uniformly:** Salt should be spread as evenly as possible to ensure that the whole area is covered and there are no patches missed that can become slippery. Avoid the build up of salt in any areas, such as up against kerbstones. This will lead to salt being wasted which is poor practice both environmentally and economically.
- **Pre-salt:** Ice generally forms in the evening as the sun drops, and again in the morning when the sun rises. In order for you to ensure that the public and your staff are safe from slipping it is important you try and put the salt out before the ice forms. All local authorities now carry out pre-salting. Pre-salting can be done at a much lower application rate than salting to melt ice that has formed and is therefore more cost effective.
- **Application Rates:** Ideal application rates for pre-salting are half a cup (approximately 20g) per meter square. Full salting will be one cup (approximately 40g) per meter square. If rain occurs after pre-salting which then freezes, you will have to salt normally. The application rates will vary dependant on frost or snow, see the table below for full application details.

Suggested De-Icing Salt Spread Rates

| | | | |
|-------------------|------------|------------------|------------|
| Frost 0°C to -5°C | 10 to 20gm | Snow 0°C to -5°C | 25 to 40gm |
| Frost below -5°C | 20 to 30gm | Snow below -5°C | 40 to 50gm |

Remember When Salting!

1. Salt will not work at much lower than -5°C.
2. Pre-salting will save time and money.
3. Follow the correct application rates per square meter.
4. White salt is a better de-icer than grit, it has a higher sodium chloride content.

De-icing Salt

We sell Marine Salt, which is used extensively throughout the world as a de-icing agent and can be used in conjunction with any spreading equipment. Our high-purity de-icing salt has properties that ensure that it's the best product on the market.

Marine Salt is a natural resource, it's totally soluble, and as it has no impurities, it will not leave the dirty residue behind that you associate with brown salt (grit). This makes it perfect for pathways, pavements and playgrounds where the salt tends to be trodden indoors. Marine Salt also has equal particle sizes, it is low on fine particles, which makes it dust free and markedly reduces the amount of salt that's blown away during spreading. Due to its inherent moisture content our salt adheres to the road without the need for additives. As Marine Salt is dry and free flowing it is one of the best for use in spreaders. **Using one of the purest forms of salt means that you will need to use less salt for effective de-icing.**



Road Salt

Our Marine Salt is always of the highest purity and is marine harvested 'white' salt to BS 3247 quality. It conforms to British Standard 3247: Salt for Spreading on Highways for Winter Maintenance. Containing over 99.5% pure Sodium Chloride, our Marine Salt is an excellent de-icer.

Marine De-icing Salt Specification

We are able to supply any quantity of salt that you require to best meet your requirements we can deliver pallet quantities, tonne bags or loose salt. Please talk to your local branch for further information.

| Sodium Chloride, NaCl (common salt) | | | |
|---|-------------------------|-------------|-----|
| Crystalline white, high quality Marine Salt | | | |
| Typical chemical analysis | Typical screen analysis | | |
| NaCl (dry basis) | 99.40% | Above 6mm | 5% |
| CaSO ₄ | 0.22% | 6 – 2mm | 50% |
| MgSO ₄ | 0.21% | 2 – 1mm | 25% |
| MgCl | 0.05% | 1 – 0.5mm | 12% |
| Insolubles | 0.12% | Below 0.3mm | 5% |
| Water (H ₂ O) | 3.20% | | |
| Bulk density: 1.05 – 1.25% g/cm ³ according to DIN (ISO)3944. | | | |
| Anti-caking agent: Potassium or Sodium Ferrocyanide | | | |

Road Salt: Single Bag

Road salt is supplied in 25kg bags, for storage purposes please note that one 25kg bag is approximately 0.80 cubic feet.

| Product | Quantity | Code |
|---------|------------|---------|
| 25kg | Single bag | 5505010 |

Please note: Less than full pallet quantities are available for collection from our trade counter only.

Road Salt: Pallet of 42 Bags

Pallets are supplied direct only, delivery will be in four working days.

| Code | Product |
|---------|-------------------|
| 5505009 | Pallet of 42 bags |

Road Salt: Tonne Bag

1000kg supplied in one large bulk bag.

| Code | Product |
|---------|------------|
| 5505020 | 1000kg bag |

Road Salt: Loose Bulk Tipper

Salt is supplied loose, therefore appropriate storage must be available at point of delivery. A minimum order of 10 tonnes is required.

| Code | Product |
|---------|--------------------|
| 5505021 | Loose by the tonne |

Please note: Delivery during peak season may take longer due to increased demand.

Winter Wizard

A special mix of Magnesium Chloride, Sodium Chloride, and Calcium Chloride which combined together results in a fast acting de-icing salt. Winter Wizard provides the ultimate effective clean de-icer, leaving no residue or mess.

Winter Wizard prevents refreezing up to 24 hours, making it ideal for long spells of cold weather.



Winter Wizard Tub

High performance de-icer.

- The special mix of salts provides the ultimate effective clean de-icer.
- Spread evenly, 5kg will de-ice up to 400m.
- Prevents refreezing for up to 24 hours.
- Available in either a 5kg dispenser tub making dispensing easier and more convenient or 12kg tub containing a spreading scoop.

| Product | Code |
|----------|---------|
| 5kg Tub | 5505025 |
| 12kg Tub | 5505022 |



Winter Wizard Salt Sticks

A convenient, lightweight, de-icer ideal for clearing steps, car parks, pathways.

- Each stick contains 1.5kg of high power de-icer sufficient for up to 125m² coverage.
- Features a re-sealable cap for ease of use.
- Works 10 times faster than rock salt with no mess.
- Ideal for business users and homeowners alike.

| Product | Code |
|-------------|---------|
| 1.5kg Stick | 5505030 |

Grit Bins

Grit Bins

Manufactured from tough, weather-resistant moulded polyethylene with vandal-resistant hinged top. This robust grit bin is available in two sizes. Supplied in yellow.

- Large opening for ease of use.
- Fork lift channels in base.

| Code | Capacity | Holds | Dimensions (mm) W x D x H |
|---------|---------------|----------------|---------------------------|
| 5712006 | 6 cubic feet | 7 x 25kg bags | W 900 x D 500 x H 670 |
| 5712012 | 12 cubic feet | 15 x 25kg bags | W 1200 x D 500 x H 670 |



Salt Spreading Equipment

Salting larger areas such as paths, pavements, car parks and playgrounds to keep them clear of snow and ice and therefore safe for pedestrians and drivers can be a time consuming, labour intensive chore which will need to be undertaken regularly in winter. Using salt spreading equipment is a quicker and more convenient method of spreading the correct concentration of salt, in a uniformed layer.

Using salt spreaders is also a safer method, as much of the manual labour is removed as spreaders can be either be hand-pushed or towed to cover larger areas. For paths and areas where restricted spreading is needed, drop spreaders are the most suitable. Spinners offer a simple solution to spreading salt over large areas giving an even spread with very little effort.

Salt is highly corrosive substance, and if the correct use and maintenance of spreaders is neglected then this can have an impact on the length of service given by your spreader. Poor maintenance and misuse account for 50% of problems with spreaders, with poor salt making up the rest. Always rinse out your spreader after use, and during regular use spray the moving parts with WD40 or a similar lubricant. Bigger spreaders have grease or oil in their gearboxes and these will require annual filling. **Finally, and importantly – never leave salt in your spreader between de-icing works.**

Drop Salt Spreaders

Drop spreaders offer a greater degree of control when spreading salt. As the name suggests, salt is 'dropped' from the hopper in a controlled manner, and forms a de-iced trail the width of the spreader along the route it has travelled.

Drop spreaders are excellent for de-icing pathways and pavements, and for areas where controlled coverage is required to prevent the salt from getting into places where it is not wanted.

Heavy Duty Hand Pushed Drop Salt Spreader

Heavy duty drop spreader, for regular use or use on larger areas.

- All metal construction with pneumatic tyres.
- Easy movement, full or empty, using a gear system and chain drive.
- Adjustable flow rate, on/off setting.
- Spread width 60cm.
- Capacity 60kg.
- Designed for use with high purity rock salt to BS 3247 only.

Code

5772200



Hand Pushed Drop Salt Spreader

Economy hand push drop spreader, ideal for occasional use.

- Adjustable spread rate, metal agitator and on/off setting.
- Spread width 40cm.
- Capacity 30kg.
- Designed for use with high purity rock salt to BS 3247 only.

Code

5772000



Spinner Salt Spreaders

Spinner spreaders enable large areas of ground to be covered for de-icing with minimal effort. The salt is held in a storage hopper and gravity-fed on to a spinning distribution disk, which evenly dispenses the salt in a radial motion away from the spreader.

Spinner spreaders are ideal for de-icing car parks, playgrounds and other areas where mass salt coverage is required in a short period of time.

Hand Pushed

Heavy Duty Hand Pushed Spinner Salt Spreader (H/D SPT 50)

Heavy duty hand push spinner, ideal for larger areas.

- Galvanised body.
- Oil bath gearbox and pneumatic tyres.
- Spread width 3 metre.
- Capacity 50kg.
- Designed for use with high purity rock salt to BS 3247 only.

Code

5772300



Hand Pushed Spinner Salt Spreader

Economy hand push spinner, ideal for occasional use.

- Built from corrosion-resistant materials.
- Adjustable flow rate and on/off setting.
- Spread width from 2 metre to 5 metre with a 25kg capacity.
- Designed for use with high purity rock salt to BS 3247 only.

Code

5772100



Towed

Medium Duty Towed Spinner Spreader

Ideal for towing behind a forklift or small tractor.

- Galvanised hopper and pneumatic tyres.
- Spread adjustable from 1 metre to 8 metre, with a 100kg capacity.
- Designed for use with high purity rock salt to BS 3247 only.

Code

5772400



Large Towed Spinner Spreader

The largest towed spinner in our range, ideal for covering large sites.

- Ball and hitch attachment for towing behind a vehicle.
- Spread width from 3 metre to 10 metre, with a 250kg capacity.
- Designed for use with high purity rock salt to BS 3247 only.

Code

5772500



Remember!

Prevent damage to your spreader, do not leave salt in your salt spreader between de-icing works.

Snow Ploughs for Fork Lift Trucks

The Health and Safety at Work Act 1974 and the Workplace Health, Safety and Welfare Regulation 1992 include recommendations on keeping sites safe and from preventing slips and trips at work. In severe weather conditions, arrangements should be made to minimise risks from snow on footpaths, access routes, car parks and surrounding areas. Clearing snow as soon as possible will ensure that your employees and visitors can continue to access your site safely, it will also prevent the build up of large drifts of snow which will be more difficult to clear and take longer to melt.

It is recommended that you begin to start clearing snow and ice in the morning; it is easier to clear fresh snow which is still loose rather than snow which has been compacted by people walking on it. Even if you can only remove the top layer of snow, it is worth doing so as the warmth from the sun during the day will melt any ice beneath it. Remove any snow that is thicker than 40mm with a snow shovel or more heavy duty equipment. Help any remaining snow to melt and prevent ice forming by spreading de-icing salt on the cleared area. Later in the day pre-salt the path before it goes dark to prevent the path from re-freezing overnight.



Forklift Fixed Snow Plough

A fork mounted plough with a fixed blade position which clears the snow to the left.

- 6 mm thick steel wear strip is fitted along the bottom of the blade to aid movement and ensure product longevity.
- Rolled blade design ensures efficient snow clearing.
- Fixed blade position clears snow to the left.
- 'T' screw retention to safely secure to forklift.
- Casters and rubber blades are available to order, please speak to your local Arco branch for more details.



| Code | Width Cleared (mm) | Max Fork Size (mm) | Fork Spread (mm) | Weight (kg) |
|---------|--------------------|--------------------|------------------|-------------|
| 5771220 | 1220 | 150 x 45 | 830 | 95 |
| 5771525 | 1525 | 150 x 45 | 830 | 110 |

Snow Shovels

One of the most common and effective ways of clearing paths and access routes are snow shovels. We provide a comprehensive range of shovels, with one to suit any budget. It is recommended that when choosing a snow shovel, you choose one with the widest blade available.

Then, when clearing an area such as a path, begin by making a line down the middle of the path so that you will have a surface to walk on. Then work along the cleared line and simply to shovel the snow from the centre to the sides. Remember not to clear snow into areas where it may cause an obstruction. Finally cover the cleared area with de-icing salt to prevent re-freezing.

Snow Clearing Shovels

Fully moulded, polypropylene shovels ideal for snow clearing activities.

- High-visibility.
- Durable.
- Lightweight.
- Ergonomically designed.

| Code | Blade Type | Dimensions (mm) L x W x D |
|---------|------------------|---------------------------|
| 5502014 | Standard Blade | L 1040 x W 270 x D 50 |
| 5502016 | Large Deep Blade | L 1040 x W 350 x D 90 |



Snow Shovel with Steel Ice Cutter

A robust design for the most demanding conditions.

- Steel edging on blade assists in removing ice.
- Blade manufactured from high quality polypropylene.
- Designed for use in prolonged freezing conditions.

| Code | Dimensions (mm) L x W | Weight |
|---------|-----------------------|--------|
| 5502100 | L 1340 x W 450 | 1.43kg |



Snow Scoop

Economical solution to snow clearing tasks.

| Code | Dimensions (mm) L x W |
|---------|-----------------------|
| 5505017 | L 1440 x W 440 |



Winter Car Accessories

Stay safe whilst driving, before driving always ensure that your windscreen is fully cleared to allow maximum visibility and clear any snow and ice from the roof of your vehicle.

The law states that all car windows and mirrors must be cleared. Driving with restricted vision whilst peering through a small demisted hole on your windscreen can lead to a fine of up to £1000.

It is also extremely dangerous to drive if the roof of a vehicle is not cleared of snow and ice; breaking suddenly can cause snow to slump forward onto the windscreen, restricting a driver's vision. There are also many reported incidents of snow and ice flying off vehicles when they are travelling at speed and hitting other vehicles on the road. There are reported examples of points and fines that have been issued to drivers who drive on the road without clearing the roof of their vehicle.



Ice Scraper

Tough and durable Ice Scraper with soft grip handle.

| Code |
|---------|
| 5505013 |



Vikan Vehicle Ice and Snow Brush

Dual use brush ideal for winter conditions.

| Code |
|---------|
| 56T2000 |



Arco Four Seasons Screenwash

Screenwash containing solvent to prevent freezing at temperatures below -10°C. Effective at removing dirt, grease and dead insects when added to the washer reservoir. Supplied in 5 litre containers.

| Code | Container Size |
|---------|----------------|
| 5773105 | 5 litre |



Holts De-Icer Aerosol

A fast acting de-icer which removes frost from all types of glass efficiently, and does not leave smearing behind. The de-icer provides ultimate protection down to -15°C.

| Code | Container Size |
|---------|----------------|
| 3433009 | 600 ml |

Heaters

A comprehensive range of heaters suitable for keeping workplaces warm and enabling work to continue even in the coldest of temperatures. The range includes heaters from a 3kW Commercial Fan Heater to a 2kW fan heater, choose the one that best suits your environment.



Commercial Fan Heater

3kW Commercial Fan Heater.

- 2 fan speed settings.
- Built-in carry handle.
- Fully assembled.

| Code | Power (kW) |
|---------|------------|
| 3736253 | 3kW |



Convector Heater

Convector Heater 2kW HMC2000.

- Stylish, contemporary design.
- 2 heat settings (1000w & 2000w).
- Adjustable thermostat.
- Built-in carry handle.
- Wall mountable and floor standing.

| Code | Power (kW) |
|---------|------------|
| 3736250 | 2kW |



Fan Heater

Fan heater ideal for providing heat or cooling in small room areas.

- 2 heat settings (1000w & 2000w).
- Frost protection setting.
- Cool option for summer use.
- 230V.

| Code | Dimensions (mm) W x D x H |
|---------|---------------------------|
| 3736206 | W 275 x D 265 x H 130 |



1200 Watt Halogen Heater

Halogen Heater features Instant Heat Technology

- 3 heat settings (400w, 800w & 1200w).
- Oscillating function for wider heat distribution.
- Overheat and tip-over safety cut outs.
- Built in carry handle and lightweight.
- Silent operation.

| Code | Dimensions (mm) W x D x H |
|---------|---------------------------|
| 3736251 | W 290 x D 140 x H 510 |

Head Protection: Safety Helmets and Hats

Essential safety and added comfort are provided in these two systems from Centurion that provide not only head protection, but also the warmth and protection necessary if working outdoors for periods of time during the low temperatures of the winter months.

Choose from the three part Cold Weather Hood System which features a fleece liner, a frost cape and a face warmer. Alternatively if ear defender compatibility is required choose the All-In-One-Winter System.

Centurion All-in-One Winter System

All-in-one system to protect from the elements with ear defender capability.

- Integrated fleece helmet liner with frost cape.
- Includes a facility to use helmet mounted ear defenders.
- Mesh at sides also provides for improved hearing.

| Code | Colour |
|--------|---------------|
| 424210 | Hi-Vis Yellow |
| 424211 | Hi-Vis Orange |



Thinsulate Hat

Knitted acrylic hat with additional Thinsulate™ insulation for extra warmth.

- Knitted acrylic outer.
- Thinsulate™ lining to provide extra warmth.
- Available in black and navy
- One size.

| Code | Colour |
|---------|--------|
| 10RA300 | Black |
| 26R1000 | Navy |



Xcelcius™ Balaclava Navy

Balaclava with double layers to provide extra warmth.

- 50% polyester/50% Viloft®.
- Plain interlock.
- Available in navy.
- One size.

| Code | Colour |
|---------|--------|
| 1054000 | Navy |



Cold Weather Hood 3 Step System

1 Centurion Universal Fleece Liner

A fleece liner to fit between the cradle and helmet shell to give full integration and a good secure fit of the helmet.

- Fits all Centurion helmets (apart from the Reflex).

| Code |
|--------|
| 424100 |

2 Centurion Frost Cape

A frost cape designed for use with the Universal Fleece Liner.

- A waterproof outer with fleece inner.
- Hi-visibility colour in conformance with EN 471 specification.
- Zip top fastening for fitting to Universal Fleece Liner.

| Code |
|--------|
| 424200 |

3 Centurion Face Warmer

Fitted protection for total head and face warmth.

- Fits to Frost Cape.

| Code |
|--------|
| 424101 |

Hand Protection: Gloves and Hand Warmers

Don't be tempted to sacrifice safety for comfort and warmth during the winter months, this selection of safety gloves has been carefully selected as they will provide the necessary protection for your hands, whilst thermal insulating properties will ensure that they stay warm, even in the coldest of conditions.

Marigold PX Insulator Thermal Gloves



Ideal for low temperature applications, manufactured from a thermo-active fibre, the PX insulators is a soft and non chaffing with a fast wicking action for greater dryness. The lightweight fibre construction ensure no loss of dexterity and the palm dipped polyurethane coating offers unrivalled grip in a variety of conditions.

- A close fitting thermo active fibre glove, with PU coating to palm and fingers.
- Good abrasion resistance.
- Dries 50% quicker than cotton.
- Approved to BS EN 388:2003. Mechanical Hazard.

| Code | Sizes | Colour |
|---------|--------------|--------|
| 1438800 | 7, 8, 9 & 10 | Blue |

Skytec Argon Thermal Gloves



The Argon thermal gloves feature a unique HPT foam 3/4 coating which remains flexible to temperatures as low as -50°C. A breathable two-layer insulated liner also ensures that these gloves remain warm, soft and comfortable.

- Encapsulated air molecules provide an inherent vibration absorption feature.
- Actifresh treated to kill bacteria and promote freshness.
- Ideal for applications requiring secure handling and high levels of dexterity in harsh conditions.
- Thermal liner provides warmth while retaining excellent flexibility.
- Approved to BS EN 388:2003 and BS EN 511.

| Code | Sizes | Colour |
|---------|-----------|--------|
| 14G4800 | 8, 9 & 10 | Black |

Little Hotties Hand Warmers



Keep hands warm with Little Hotties Hand Warmers. Simply shake to activate, warmth and comfort will be provided in all cold conditions for up to eight hours.

- Available from Trade Counters only.

| Code |
|---------|
| 3173038 |

Ansell Polar Grip 23/700 Fully Coated Glove



A rugged winter glove that resists salt, sheds water and keeps hands warm.

- Maintains flexibility in sub-zero temperatures.
- Water-repellent.
- Resistant to salt and caustic.
- 275mm gauntlet.
- Approved to BS EN 388:1994, BS EN 374:2003 and BS EN 511.

| Code | Sizes | Colour |
|---------|--------|--------|
| 1525200 | 9 & 10 | Blue |

Footwear: Thermal Boots and Wellies



Dr Marten's Tamarack ST Safety Boot

A high quality safety boot with fully waterproof, Thinsulate® thermal lining, Smartmask® PU cushioned footbed with heavily cleated heat-resistant rubber outsole.

- Cosmo™ HBR® waterproof membrane with Lunar lining and Quilted B200 Thinsulate™ lining to keep feet warm and dry.
- Nitrile rubber and EVA outsole with steel puncture resistant midsole for ultimate comfort and safety.
- Heavy duty metal eyelets and fastenings for increased durability.
- Industrial oiled corrected full-grain water-resistant leather padded collar for added comfort and ankle support.
- Padded tongue.
- Industrial strength cord lacing.
- 200 Joule EN ISO 20345.

| Code | Sizes |
|--------|--------|
| 6M4700 | 6 - 12 |

Arco Non Safety Knee Boot Green

Knee Boot with PVC upper and PVC nitrile sole unit.

| Code | Sizes |
|--------|--------|
| 587400 | 3 - 12 |



Dunlop Protomaster Safety Welly complete with Midsole

Full safety wellington with stainless steel midsole and toecap.

- This safety footwear meets EN ISO 20345 (successor to BSEN345) for safety footwear and offers the highest protection.
- Oil-resistant sole.
- PVC and nitrile outsole.
- Energy absorbing.
- Anti-static.
- Toecap tested to 200 joule EN345 or EN ISO 20345.

| Code | Sizes |
|--------|--------|
| 592200 | 3 - 12 |

Yaxtrax Walker

Easy to use, light duty traction device for winter safety on packed snow and ice.

- Ultralight.
- Easy on / off design.
- Instant traction with a spikeless coil design.
- For all types of footwear.



| Code | Sizes |
|--------|---------------|
| 656200 | Medium 8 - 10 |
| 656300 | Large 11 - 13 |

Thermal Layering Socks and Underwear

Thermal Socks

When temperatures fall, feet can be the first to suffer. Extreme cold feet can cause chilblains and frostbite but even mild cold feet can make us feel uncomfortable, miserable and reduce our productivity.

Warm feet on the other hand give us a healthier sense of wellbeing allowing us to cope better with the environment. Ordinary thermal socks or wearing many pairs of socks will often let you down. To be confident in the cold you need a sock with high insulation. Heat Holders have been tested to achieve a thermal tog rating of 2.34. They hold more warm air close to the skin, ensuring your feet stay warmer for longer.

Heat Holders Men's Thermal Socks

Heavy bulk yarn with extra long pile to provide ideal conditions for heat retention.

- Extra long terry cushioning.
- Intensely brushed on the inside for warmth.
- Keep feet warmer for longer.



Workforce Thermal Mid-socks 3 Pair Pack

Highly versatile hard-wearing thermal sock.

- 90% Acrylic, 10% Polyester.

| Code | Sizes | Quantity |
|---------|--------|----------|
| 2647000 | 6 - 11 | 3 pairs |



| Code | Sizes | Quantity |
|---------|--------|----------|
| 2634500 | 6 - 11 | 1 pair |

Thermal Underwear

Manufactured from Viloft® original fibres brushed inside to provide extra warmth.

This range of thermal underwear is suitable for those who work outside and is ideal for people who work in an environment that is constantly below -1°C down to -10°C.



Xcelcius Ultratherm Long Sleeve Top

A next to skin thermal long sleeve top with Viloft® original fibres brushed inside to provide extra warmth. A modern style and cut to give all day comfort.

- Recommended for temperatures constantly below -1°C down to -10°C.
- 50% polyester/50% Viloft®.
- 220 g/m needle out interlock thread.

| Code | Sizes | Colour |
|---------|--------|--------|
| 1052300 | S - XL | White |

Xcelcius Ultratherm Long Pant

A next to skin thermal garment with Viloft® original fibres brushed inside to provide extra warmth. A modern style and cut to give all day comfort.

- 50% polyester/50% Viloft®.
- 220 g/m needle out interlock thread.

| Code | Sizes | Colour |
|---------|--------|--------|
| 1052400 | S - XL | White |

Weatherwear Jackets and Fleece

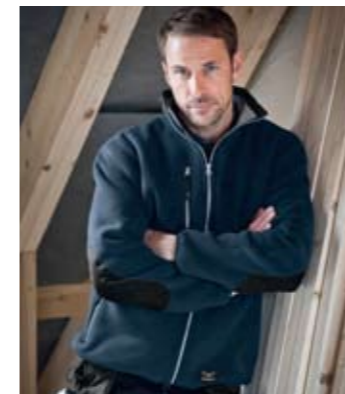


Trojan Multi Jacket

A lightweight waterproof and breathable 3-in-1 jacket, with the advantage of a removable inner jacket that can be worn as a stand alone jacket or part of the multi-jacket.

- The outer jacket is waterproof and breathable with a fleece lined collar.
- It features two outer hand warmer pockets, a zipped chest pocket and small inner pocket.
- It also contains a roll away hood with wired visor and volume adjuster.
- The inner, water repellent, quilt lined jacket has two hand warmer pockets with a storm flap and a fleece lined collar.

| Code | Sizes | Colour |
|---------|---------|--------------|
| 10TR000 | S - XXL | Black / Grey |



Trojan Tradesman Bonded Fleece

Heavy weight bonded Sherpa fleece jacket offering; warmth, wind resistance and all-round comfort. Built for the working environment and designed for tough jobs in cold climates.

- 100% Polyester (540g/m²) Sherpa fleece fabric.
- Contrasting and re-enforcing elbow patches.
- Two zipped hand-warmer pockets and zipped chest pocket.
- Hook and loop cuff adjusters.
- Elasticated adjustable hem cord.

| Code | Sizes | Colour |
|---------|----------|--------------|
| 10TR100 | S - XXXL | Navy / Black |
| 10TR200 | S - XXXL | Black / Grey |



Trojan Pursuit Padded Jacket

A stylish padded jacket that is ideal for keeping you and your belongings dry when you're at your busiest.

- 100% PU-coated polyester.
- Fleece-lined collar with concealable drawcord hood.
- Two chest pockets, one with phone pocket.
- Two hand-warmer pockets.
- Elasticated waistband.

| Code | Sizes | Colour |
|---------|----------|--------------|
| 10T8900 | S - XXXL | Black / Grey |
| 10T9503 | S - XXXL | Navy / Grey |

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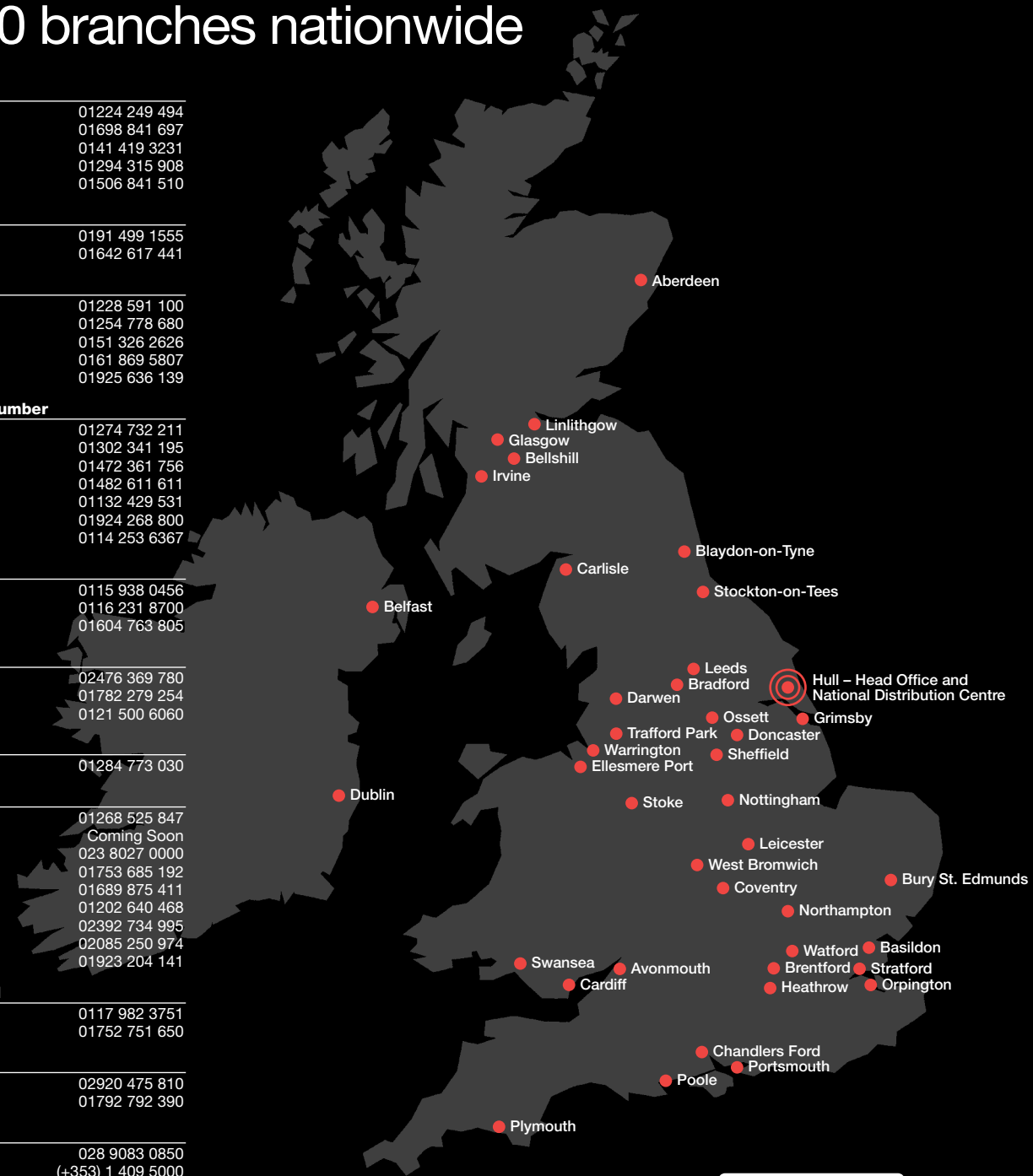
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