

Health, Safety & Hygiene

Page

Page

| | | | |
|------------------------|-------------|-------------------------------|-------------|
| Ear Protection | 3540 | Lock Outs | 3547 |
| Eye Protection | 3542 | Knee Protection | 3544 |
| First Aid | 3547 | Protective Workwear | 3544 |
| Foot Protection | 3546 | Respiratory Protection | 3543 |
| Hand Protection | 3544 | Spill Management | 3548 |
| Head Protection | 3540 | Wipes | 3548 |

Noise At Work Regulations

Ear Protection

The noise at work regulations, 1989, requires employers to provide suitable ear protection where noise levels can rise to between 85dB and 90dB. If noise levels rise above 90dB then ear protection must be supplied and worn.

New Legislation

The Physical Agents (noise) Directive 2003/10/EC has now been brought out which is reducing the noise levels threshold at which hearing protection is required. This is coupled with the opportunity to make an assessment over a working week rather than a day, benefiting those who are exposed intermittently.

For time dependant noise levels 'A' weighted for an 8 hour day, hearing protection is now advised at 80dB(A) which is the lower action level. Hearing protection will be compulsory at 85dB(A), the upper Action Level. There is also a maximum exposure level being introduced meaning no worker may be exposed to more than 87dB(A) 8 hour equivalent.

The action levels for impact noise are also being amended. The lower action level for impact is 112pa peak level (equivalent to 135dB) and upper impact level is 140pa (137dB). The maximum exposure limit is 200pa (140dB)

The table below illustrates the changes being implemented in the next 3 years.

Science of Sound Waves

Sound waves occur when the air is subject to a disturbance e.g. the vibrations from your vocal chords or the pounding of a stamping press. The waves are then transmitted through the air and picked up by the fine hairs in your ear. These are set in motion by the sound waves and the higher the level of sound the more hairs flutter. Motion is converted into nerve impulses and passed to brain. If the hairs are repeatedly subjected to excess high sound they break off and the surviving hairs only manage to transfer a fraction of the information = impaired hearing.

Noise is measured in decibels and an increase of 3 decibels doubles the noise level. Typical minimal noise levels next to operations where no steps have been taken to reduce the noise are:

| Operation | Decibels Operation | Decibels |
|---------------------------------|--|-----------|
| SDS Hammer drills | 90 - 105 Pressing - punch pressing | 110 - 120 |
| Grinding | 85 - 100 Riveting | 100 - 110 |
| Guillotining | 95 - 100 Vibratory bowl feeder | 90 - 100 |
| Multi-spindle automatic turning | 95 - 105 General noise - fabrication shop | 85 - 95 |
| Circular sawing - metal | 95 - 105 | |
| Pressing - blanking | 95 - 110 Actual noise levels could be much higher than illustrated | |

Physical Agents (Noise) Directive 2003/10/EC

Hearing loss is the most common industrial injury and changes are being made to the exposure levels

| | Old | New |
|------------------------|---------------------|-------------------------|
| Assessment period | 8 hours | 8 hours or 1 week |
| Lower action level | Over 85dB(A) | Over 80dB(A), 112pa |
| Upper action level | Over 90dB(A), 200pa | At 85dB(A), 140pa |
| Maximum exposure level | - | 87 dB(A), 200pa |
| Audiometry | - | at 85dB(A), 140pa |
| Audiometry | - | Over 80dB(A) if at risk |

375477

Earplugs

Earplugs

Classic



Constructed from a soft energy absorbing polymer foam. The closed cell structure of the foam allows the plug to expand gradually and so conform exactly to the size and shape of virtually any ear canal. Conforms to EN 352-2:1993. CE marked. SNR 28 dB

One touch classic foam and dispenser

Easy to dispense classic ear plugs with one touch Robust dispenser. Easy to use with a simple twist motion that dispenses one plug at a time. Built-in catch plate prevents wastage. The refills fit directly onto the dispenser and the transparent bottle gives a clear indication of when a replacement is required.

| Attenuation Data | | | | Attenuation Data | | | |
|------------------|-----------------------|-------------------------|-------------------------|------------------|-----------------------|-------------------------|-------------------------|
| Frequency Hz | Mean attenuation (dB) | Standard deviation (dB) | Assumed protection (dB) | Frequency Hz | Mean attenuation (dB) | Standard deviation (dB) | Assumed protection (dB) |
| 63 | 22.3 | 5.4 | 16.9 | 2000 | 34.1 | 3.1 | 30.9 |
| 125 | 23.3 | 5.3 | 18.1 | 4000 | 41.6 | 3.5 | 38.1 |
| 250 | 24.6 | 3.6 | 20.9 | 8000 | 40.4 | 6.4 | 34.0 |
| 500 | 26.9 | 5.4 | 21.5 | H 30dB | M24dB | L22dB | SNR 28dB |
| 1000 | 27.4 | 4.8 | 22.6 | | | | |

485887

| Description | (Pairs) | Order Code | Price Each | | |
|--------------------------|---------|------------|------------|----|-----|
| | | | 1+ | 5+ | 10+ |
| One touch dispenser | | 137-3069 | | | |
| 500 pairs classic refill | 500 | 137-3070 | | | |

Earplugs

E.A.Rsoft FX



High Protection with 39 dB SNR. Designed to provide the ultimate in protection and comfort. Smooth tapered finish makes fitting easier and helps form a soft and comfortable fit every time.

Conforms to EN 352-2. SNR 39 dB

| Frequency | Attenuation Data (uncorded) | | |
|-----------|-----------------------------|-------------------------|-------------------------|
| | Mean Attenuation (dB) | Standard Deviation (dB) | Assumed Protection (dB) |
| 63 | 34.6 | 5.7 | 28.9 |
| 125 | 37.5 | 6.0 | 31.5 |
| 250 | 38.5 | 5.4 | 33.1 |
| 500 | 40.4 | 5.0 | 35.4 |
| 1000 | 38.6 | 4.2 | 34.4 |
| 2000 | 39.6 | 2.5 | 37.1 |
| 4000 | 48.9 | 3.8 | 45.1 |
| 8000 | 47.8 | 3.9 | 43.9 |
| H39dB | M39dB | L34dB, SNR39dB | SNR39dB |

485880

| Description | Order Code | Price Per Box | | |
|-------------|------------|---------------|----|-----|
| | | 1+ | 5+ | 10+ |
| Corded | 137-3065 | | | |

Earplugs

E.A.Rsoft Yellow Neons



Constructed from a slow expanding environmentally friendly polyurethane foam. Developed to produce an evenly distributed pressure, giving flexibility, a good seal and optimum comfort. Conforms to EN 352-2 1993. CE marked. SNR 36dB



| Frequency (Hz) | Attenuation Data | | |
|----------------|-----------------------|-------------------------|-------------------------|
| | Mean Attenuation (dB) | Standard Deviation (dB) | Assumed Protection (dB) |
| 63 | 30.8 | 6.5 | 24.3 |
| 125 | 36.1 | 6.7 | 29.4 |
| 500 | 39.2 | 4.7 | 34.5 |
| 1000 | 39.5 | 3.9 | 35.6 |
| 2000 | 35.8 | 4.9 | 30.9 |
| 3150 | 42.2 | 4.2 | 38.0 |
| 4000 | 42.1 | 3.1 | 39.0 |
| 6300 | 46.1 | 4.4 | 41.7 |
| 8000 | 46.1 | 3.3 | 42.8 |
| H 34dB | M 34dB | L 31dB | SNR 36dB |

485954

| Pairs Per Box | Order Code | Price Per Box | | |
|---------------|------------|---------------|----|-----|
| | | 1+ | 5+ | 10+ |
| 250 | 137-3100 | | | |

Banded Earplugs**Banded Earplugs****Semi-Aural Hearing Protector**

A comfortable, economic alternative to earmuffs and ear plugs. This innovative new semi-aural hearing protector follows leading brand music headphone designs to provide you with a sleek, stylish, ergonomic and cool way to protect your hearing. Unique band style, that sits over the ear and behind the head, reduces noise transmission through the band.

Specially designed to wear with, but not interfere with other PPE.

Patent-pending anti-twist socket reduces movement of the band when fitted holding the band securely in place preventing any slippage. Ideal for people moving in and out of noisy situations.

When not required the E.A.R band can be stored comfortably around the neck.

Carefully designed to keep the pods well clear of work surfaces etc. if taken off in the working environment.

Attenuation Data

| Frequency (Hz) | 63 | 125 | 250 | 500 |
|-------------------------|------|------|------|------|
| Mean Attenuation (dB) | 20.5 | 19.4 | 16.0 | 16.5 |
| Standard Deviation (dB) | 4.2 | 5.4 | 4.1 | 4.2 |
| Assumed Protection (dB) | 16.3 | 14.0 | 11.9 | 12.3 |

Attenuation Data

| Frequency (Hz) | 1000 | 2000 | 4000 | 8000 |
|-------------------------|------|------|------|------|
| Mean Attenuation (dB) | 20.9 | 31.4 | 35.3 | 36.0 |
| Standard Deviation (dB) | 2.5 | 4.3 | 3.6 | 4.0 |
| Assumed Protection (dB) | 18.4 | 27.1 | 31.7 | 32.0 |

SNR = 21, H = 25, M = 17, L = 14

485962

Price Each

| Order Code | 1+ | 5+ | 10+ | 25+ |
|------------|----|----|-----|-----|
| 137-3104 | | | | |

Ear Defenders**Ear Protectors "Mustang"**

The best solution for the majority of the workers. Designed for basic protection. Good, effective protection across a wide range of noise frequencies. Suitable in manufacturing industries.

- Super light adjustable
- Blue
- Packaged 1 per box
- NRR23dB

531257

Price Each

| Mfrs. | Order Code | 1+ |
|----------|------------|----|
| List No. | 169-6169 | |

Ear Protectors "Mosquito" (Light Duty Protection)

Economical hearing protector - Light - Comfortable - Adjustable - Inexpensive.

Created for people who need good protection when exposed to sporadic harmful noises.

- Light weight
- Plastic headband
- Black & Yellow
- Packaged 1 per bag,
- NRR21dB

531224

Price Each

| Mfrs. | Order Code | 1+ |
|----------|------------|----|
| List No. | 169-6168 | |

Ear Defender**Optime II**

Developed for demanding noise-hazard environments and muffles even extremely low frequencies. Sealing rings are filled with a unique combination of liquid and foam. Provides a comfortable snug fit even during long term use. Suitable choice for industrial noise, construction machinery, airports and agricultural use. CE marked. EN 352. SNR 31dB

Attenuation Data (headband)

| Frequency | Mean Attenuation (dB) | Standard Deviation (dB) | Assumed Protection (dB) |
|-----------|-----------------------|-------------------------|-------------------------|
| 63 | - | - | - |
| 125 | 14.6 | 1.6 | 13.0 |
| 250 | 20.2 | 2.5 | 17.7 |
| 500 | 32.5 | 2.3 | 30.2 |
| 1000 | 39.3 | 2.1 | 37.2 |
| 2000 | 36.4 | 2.4 | 34.0 |
| 4000 | 34.4 | 4.0 | 30.4 |
| 8000 | 40.2 | 2.3 | 37.9 |

H34 dB M29 dB L20 dB SNR31 dB

485907

| Description | (dB) | Order Code | Price Each | | | |
|------------------|------|------------|------------|----|-----|-----|
| | | | 1+ | 5+ | 10+ | 25+ |
| Headband | 31 | 137-3082 | | | | |
| Neckband | 31 | 137-3083 | | | | |
| Folding headband | 31 | 137-3084 | | | | |

**Ear Defender****Optime III**

Developed for use in extremely noisy environments. The protection is based on new technology with a double casing that minimises resonance in the holder casing. CE marked. EN352. SNR 35dB

Attenuation Data (headband)

| Frequency | Mean Attenuation (dB) | Standard Deviation (dB) | Assumed Protection (dB) |
|-----------|-----------------------|-------------------------|-------------------------|
| 63 | - | - | - |
| 125 | 17.4 | 2.1 | 15.3 |
| 250 | 24.7 | 2.6 | 22.1 |
| 500 | 34.7 | 2.0 | 32.7 |
| 1000 | 41.4 | 2.1 | 39.3 |
| 2000 | 39.3 | 1.5 | 37.8 |
| 4000 | 47.5 | 4.5 | 43.0 |
| 8000 | 42.6 | 2.6 | 40.00 |

H40 dB M32 dB L23 dB SNR35 dB

485913

| Description | (dB) | Order Code | Price Each | | | |
|-------------|------|------------|------------|----|-----|-----|
| | | | 1+ | 5+ | 10+ | 25+ |
| Headband | 35 | 137-3086 | | | | |

**Ear Defenders****Classic**

1375541

1375542



137-5541

137-5542

Designed with comfort in mind for those requiring hearing protection for extended periods. Close fitting wire headband for comfort, adjustability and low risk of entanglement on machinery. Twin point mounted cups for even pressure distribution, self adjusting cups for a perfect fit. Large cup for high noise levels. Soft foam cushions for all day comfort. Durable Acrylonitrile Butadiene Styrene (ABS) cups.

- Classic® GP suitable for sawmills, forestry equipment and compressed air equipment. H=35, M=24, L=15, SNR=27dB
- Classic® Extreme suitable for airports, excavation equipment, generators and high frequency welding. H=36, M=27, L=18, SNR=30dB.

491681

| Model | Order Code | Price Each | | | |
|------------------|------------|------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| Classic® GP | 137-5541 | | | | |
| Classic® Extreme | 137-5542 | | | | |

Safety Helmets**Safety Helmets**

375562

Health and Safety Executive (HSE) require that safety helmets must be worn in all areas unless there is no risk of injury to the head by falling objects. The employer must provide, maintain and replace (when necessary) suitable protection, ensure employees wear head protection and publicise the rules regarding the wearing of head protection. The employee must wear the head protection provided in accordance with the rules/directions, take reasonable care of the protection provided and report any defect or loss immediately. EN397 standard.

MK7 Safety Helmets

Vented with Standard Peak



The MK7 helmet has been designed with comfort, performance and style in mind and incorporates the most innovative features seen yet on a safety helmet. The helmet is ventilated and comes fitted with Sureslide Retractaspec and Easyjust™ harness adjustment system. Conforms to EN 397.



| Colour | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each | 488656 |
|--------|------------|----|----|-----|-----|------------|--------|
| White | 149-9090 | | | | | | |

Safety Spectacles

Tactile Safety Spectacles

T2400



1555619



1555620



1555621

Square shaped lightweight (22g) spectacle designed with a face-fitting base 8 curve monolens. The straight astronaut temples are equipped with soft pads to ensure a comfortable, anti-slip fit. The lenses are protected with North's anti-scratch, anti-uv, anti-static 3A coating.

The T2400 series is available with either a clear (EN166 1F), blue mirror smoke (EN172 UV5-3, 1 N 1F) or in-outdoor (EN170 UV2-1, 1 N 1F) lens.



501122

Price Each

| Lens Colour | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|-------------------|------------|----|----|-----|-----|------------|
| Clear | 155-5619 | | | | | |
| Blue Mirror Smoke | 155-5620 | | | | | |
| In-Outdoor | 155-5621 | | | | | |

Safety Spectacles

Elys Sport



Modern sports style wraparound spectacle offers lightweight, comfortable protection. An integral browguard improves protection and sleek modern temples give a comfortable fit. CE marked. EN 166 1-F.

485942

Price Each

| Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|------------|----|----|-----|-----|------------|
| 137-3090 | | | | | |

Safety Spectacles

Aquarius



- Conforms to EN166 1 F.
- Latest sports style.
- Ultra lightweight.
- Soft nose bridge and side arms make this spectacle very comfortable.
- Blue frame.
- Choice of 3 lens colours.

491585

Price Each

| Lens colour | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|-------------|------------|----|----|-----|-----|------------|
| Clear | 137-5464 | | | | | |

Spectacles

Tour Guard Visitors Spectacles



Large lens size allows this visitors spectacle to be worn over most prescription spectacles. Manufactured to EN 166 1-F.

485878

Price Each

| Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|------------|----|----|-----|-----|------------|
| 137-3063 | | | | | |

Safety Glasses.

LIGHTNING T5600 series

NORTH



NEW

- Black frame with self-adjusting temples
- high base panoramic PC lens
- "Rapid-Change" lens system
- 2 size flexi-fit nose bridge included
- Rx-Insert available

531641

| Mfrs. | List No. | Order Code | Price Each |
|------------------|----------|------------|------------|
| Lens Colour | | | 1+ |
| Clear | 906100 | 169-6193 | |
| Smoke | 906101 | 169-6194 | |
| Amber | 906102 | 169-6195 | |
| Indoor / Outdoor | 906106 | 169-6196 | |
| Clear | 906500 | 169-6197 | |

Safety Glasses.

LIGHTNING T5600 series METAL FRAME

NORTH



NEW

- Black frame with self-adjusting temples
- high base panoramic PC lens
- "Rapid-Change" lens system
- 2 size flexi-fit nose bridge included
- Rx-Insert available

531229

| Mfrs. | List No. | Order Code | Price Each |
|------------------|----------|------------|------------|
| Lens Colour | | | 1+ |
| Clear | 908500 | 169-6189 | |
| Smoke | 908501 | 169-6190 | |
| Amber | 908502 | 169-6192 | |
| Indoor / Outdoor | 906606 | 169-6188 | |

Safety Spectacle

NORTH

Lightning Plus



New generation safety spectacles with face fitting curve 9 base polycarbonate lens and soft nose piece for maximum comfort. Equipped with straight sport temples and soft temple tips. Engineered to adapt the RX prescription insert. The lenses are protected with North's exclusive 4A coating: anti-mist, anti-scratch, anti-uv, anti-static. Available in clear, smoke, amber or in-outdoor lens. EN166, EN166 1F, EN170 UN 2-1,2 1F (clear & amber), EN172 5-3,1 1F (smoke).

485427

| Lens Colour | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|-------------|------------|----|----|-----|-----|------------|
| Clear | 137-1720 | | | | | |
| Smoke | 137-1722 | | | | | |
| Amber | 137-1723 | | | | | |
| In/Outside | 137-1724 | | | | | |

Safety Spectacles

NORTH

Illusion



A low profile shape uni-lens spectacle. Extremely light weight and comfortable to wear. The lenses are protected with North's exclusive 3A coating: anti-scratch, anti-uv, anti-static. Available in clear, smoke or amber lens. EN166 F, EN166 1F, EN172 5-3,1 1F.

485436

| Lens Colour | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|-------------|------------|----|----|-----|-----|------------|
| Clear | 137-1725 | | | | | |

Safety Spectacles - continued**3M™ BX Readers, Safety Glasses**

BX model with injected bi-focal Polycarbonate lenses available in 3 powers : +1.50, +2.00 and +2.50 dioptres. The bottom part of the lens with the prescription allows magnification for reading or precision work, while giving excellent protection against flying particles or mist (anti-fog coating)

- Plastic frame with browguard for better face cover
- Soft tip temples to improve comfort
- Soft universal-fit nose bridge (fully adjustable)
- Adjustable lock-in temple (4 positions)
- Pantoscopic lens adjustment system (3 angles) for custom fit
- Weight : 28 g.

553200 Mfrs. Price Each

| Power | Mfrs. | List No. | Order Code | 1+ | 5+ | 10+ |
|----------------|-------|--------------|------------|----|----|-----|
| +1.50 dioptres | | 11374-00000P | 177-9145 | | | |
| +2.00 dioptres | | 11375-00000P | 177-9146 | | | |
| +2.50 dioptres | | 11376-00000P | 177-9147 | | | |

Goggles**Goggles**

Jupiter IV Comfort Plus



An optically curved polycarbonate lens goggle designed to protect the eyes from dust, liquid droplets and molten metal. Four point ventilation. Large box design fits over spectacles. Wide contoured face seal. Moulded filter screens. Shatterproof/anti-scratch lens.

488149

Price Each

| | | | | |
|------------|----|----|-----|-----|
| Order Code | 1+ | 5+ | 10+ | 25+ |
| 137-5468 | | | | |

Deluxe Anti-Mist Safety Goggle

Close fitting, ski type goggle with an anti mist lens. The goggle offers protection against dust, liquid and molten metal. Conforms to EN 166.1B.3.4.9.

488692

Price Each

| | | | | | |
|-------------|------------|----|----|-----|-----|
| Lens Colour | Order Code | 1+ | 5+ | 10+ | 25+ |
| Clear | 149-9103 | | | | |

Safety Goggle

Venus DV



A range of goggles with a wide vision area, made from soft PVC. Contoured PVC body, Polycarbonate Lens. Direct vent goggle. Conforms to EN166.1B.

491704

Price Each

| | | | | |
|------------|----|----|-----|-----|
| Order Code | 1+ | 5+ | 10+ | 25+ |
| 137-5550 | | | | |

**TROUBLESHOOTING TIPS**

Chat online to one of our technical engineers at farnell.com

3M
NEW

Spectacle Accessories

NORTH

Lens Cleaning Tissue

NEW



- Quantity=100 per dispenser
- Anti-static anti-fog formula
- Silicone and alcohol free

532338

| Mfrs. | Price Each |
|--------|------------|
| T1025T | 1+ |

Spectacle Accessories

SCA1 Adjustable Length Sports Spectacle Cord



Universal fitting sports style spectacle cord. Fits to the ends of the spectacle arms by elasticated holders. The cord length may be adjusted using the integral slider for the fit required.

488122

| Order Code | Price Each |
|------------|---------------|
| 137-5467 | 1+ 5+ 10+ 25+ |

Respiratory Hazards**Respiratory Facepiece Fit Testing**

37694

The selection of the correct respirator for the job is essential. COSHH states that Respiratory Protective Equipment (RPE) must:

- be capable of adequately controlling exposure
- be suitable for the purpose
- bear the CE mark

A respirator is a device which can reduce exposure and be used in atmospheres above the Occupational Exposure Limit (WEL).

COSHH requires that a full and sufficient risk assessment be undertaken where individuals are exposed to hazardous substances. If exposure can not be adequately controlled by prevention or control measures COSHH states that RPE may be used in addition to these control measures.

Checking that a respirator, with a tight fitting facepiece, provides an adequate seal to the wearer's face has long been considered best practice as part of a general Respiratory Protective Equipment (RPE) programme. Fit testing has been a mandatory requirement under the UK Asbestos Regulations and now with the introduction of the Control of Substances Hazardous to Health Regulations 2002 (COSHH) and the supporting Approved Codes of Practice, fit testing is an industry wide mandatory requirement. Respirators with tight fitting facepieces include disposable respirators, half masks and full face masks, including those that form part of a powered or airfed respirator.

WHEN TO FIT TEST

Fit testing should be carried out:

- On all wearers of Respiratory Protective Equipment (RPE) with tight fitting facepieces where fit testing has previously not been performed
- During initial selection of RPE

Fit testing should be repeated at appropriate times such as:

- If the RPE wearer significantly loses or gains weight, has major dental work or sustains a major facial injury
- If a different size or model of RPE is specified
- If specified by the company policy eg.repeated with annual health surveillance check. Fit testing is in addition to the requirement to perform a pre-use fit check or airflow check.

INTELLIGENT ONLINE BUYING SYSTEM PROVIDING

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Complete cost control, reduced administration time, visibility of your spend, flexibility and personalised to your company's needs.
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Disposable Respirators

Disposable Respirator Mask

Martcare Unvalved - FFP2



Moulded disposable mask. Protects against FFP2 fine dusts, fibres, aqueous mists and oil based mists.

491780

Price Per Pack

| Pack Qty | Order Code | 1+ | 5+ | 10+ | 25+ |
|----------|------------|----|----|-----|-----|
| 25 | 137-5552 | | | | |

Disposable Respirator Mask

Martcare Valved - FFP2



Moulded disposable mask. Protects against FFP2 fine dusts, fibres, aqueous mists and oil based mists. This mask has an exhalation valve.

491784

Price Per Pack

| Pack Qty | Order Code | 1+ | 5+ | 10+ | 25+ |
|----------|------------|----|----|-----|-----|
| 10 | 137-5553 | | | | |

Disposable Respirator Mask

Unvalved - FFP1



Moulded disposable mask. Protects against FFP1 dusts, fumes, aqueous mists and oil based mists.

491786

Price Per Pack

| Pack Qty | Order Code | 1+ | 5+ | 10+ | 25+ |
|----------|------------|----|----|-----|-----|
| 20 | 137-5554 | | | | |

Disposable Respirator Mask

Martcare Unvalved - FFP1



Moulded disposable mask. Protects against FFP1 dusts, fumes, aqueous mists and oil based mists.

491769

Price Per Pack

| Pack Qty | Order Code | 1+ | 5+ | 10+ | 25+ |
|----------|------------|----|----|-----|-----|
| 20 | 137-5551 | | | | |

Valved



Respirator

8835 Valved - Cup shape



Lightweight, comfortable respirator which carries the highest filtering half-mask performance rating of FFP3. It can be used in most industrial applications where high level protection against solids and water or oil based mists is required. It has adjustable straps and nose area 3M Cool Flow valve, face seal ring and low breathing resistance. CE marked. Standard EN149:2001 FFP3D. Assigned protection factor 20 x WEL for particulates. Box of 5.

491251

Price Each

1+

Order Code

156-9364

P3 Respirators

9332 Valved Foldable



Valved dust/mist/fume respirator in a 3-panel design for greater comfort, easy communication and improved wearer acceptance. For use in most industrial applications against solids and water and oil based mists requiring FFP3 protection. CE marked. Standard EN149:2001 FFP3. Assigned protection factor 20 x WEL for particulates. Box of 10.

493939

Price Each

1+

Order Code

156-9380

9320 Valved Respirators



3-panel design for increased comfort and convenience for a less claustrophobic, cooler feel. For use against fine dusts and water and oil based mists found in construction, industrial and many solid chemical handling applications requiring FFP2 protection. CE marked. Standard EN149:2001 FFP2. Assigned protection factor 10 x WEL for particulates. Box of 20.

494062

Price Each

1+

Order Code

156-9378

Respirators



9312 Valved



3-panel design that gives increased comfort and convenience for a less claustrophobic cooler feel. Features the 3M Cool Flow valve. For use in a wide variety of hot and humid industrial applications requiring FFP1 protection. CE marked. Standard EN149:2001 FFP1. Assigned protection factor 4 x WEL for particulates. Box of 10.

494642

Price Each

1+

Order Code

156-9377

Half Masks & Filters**Respirators**

4000 Series Gas/Vapour And Particulate Respirators



Range of integral construction respirators designed for effective and comfortable protection against many gases, vapours and particulate hazards found throughout industry.

Features include:

- One piece carbon filter elements with built-in P2 or P3 filters with low breathing resistance.
- A soft, low profile facepiece for added comfort and peripheral vision.
- Efficient parabolic valve to reduce heat and moisture build-up and provide easier breathing.
- An adjustable head cradle assembly and easy to fasten neck strap.

| Product Number | Standard | Type | Use |
|----------------|----------|------------|--|
| 4251 | EN405 | FFA1P2D | Organic vapours to 10 x WEL or 1000ppm whichever is lower. Particulates up to 10 x WEL h |
| 4255 | EN405 | FFA2P3D | Organic vapours up to 10 x WEL or 5000ppm whichever is lower. Particulates up to 20 x WEL h |
| 4277 | EN405 | FFABE1P3D | Organic vapours, inorganic and acid gases up to 10 x WEL or 1000ppm whichever is lower. Particulates up to 10 x WEL h |
| 4279 | EN405 | FFABEK1P3D | Organic vapours, inorganic, acid gases and ammonia up to 10 x WEL or 1000ppm whichever is lower. Particulates up to 20 x WEL h |

490946

| Product Number | Order Code | Price Each |
|----------------|------------|------------|
| 4251 | 156-9365 | |
| 4255 | 156-9366 | |
| 4279 | 156-9381 | |

Half Masks

5500



NORTH

TPE elastomeric face piece with unique cradle head strap and yoke assembly. EN 140. CE marked. Uses N7500 Class 1 filters, pre-filters and pre-filter holders.

485855

Half and Full Face Masks Filters

N7500 Filters Class 1



NORTH

Constructed from plastic bodies with a unique internal thread connection. 6 year shelf life.

485838

| Filter | Hazard | Qty | Order Code | Price Per Pack | | |
|---------|--|-----|------------|----------------|----|-----|
| | | | | 1+ | 5+ | 10+ |
| ABEK1 | Organic/inorganic gas and vapour, acid gas and sulphur dioxide and ammonia filter. | 4 | 137-1868 | | | |
| A1P3 | Organic gas and vapour, toxic dust, mist and fume filter. | 2 | 137-1869 | | | |
| ABE1P3 | Organic/inorganic gas and vapour, acid gas and sulphur dioxide, toxic dust and mist filter. | 2 | 137-1870 | | | |
| K1P3 | Ammonia, toxic dust, mist and fume filter. | 2 | 137-1871 | | | |
| ABEK1P3 | Organic/inorganic gas and vapour, acid gas and sulphur dioxide, ammonia, toxic dust, mist and fume filter. | 2 | 137-1872 | | | |

Protective Workwear**Type 5/6 Disposable Coverall Suit**

This suit offers a lightweight, tear resistant, cost efficient barrier to dust and particles. It also offers a limited splash and spray barrier.

Type 5: requires the garment to be dust/particulate light with dust/particulate tight connections.

Type 6: requires the garment to give limited protection against splashes and particles.

488811

| Price Each | | | | |
|------------|------------|----|----|---------|
| Size | Order Code | 1+ | 5+ | 10+ 25+ |

| | | | | |
|-----|----------|--|--|--|
| L | 149-9140 | | | |
| XL | 149-9141 | | | |
| XXL | 149-9143 | | | |

Knee Protection**Gel / Rubber Knee Pads**

A robust gel / rubber knee pad which has been designed to last. Offering increased comfort with its elastic strap, hook and loop closure.

488826

| Price Each | | | | |
|------------|----|----|-----|-----|
| Order Code | 1+ | 5+ | 10+ | 25+ |

| | | | | |
|----------|--|--|--|--|
| 149-9164 | | | | |
|----------|--|--|--|--|

General Handling Gloves**Canadian Rigger Glove**

A general purpose split leather glove with safety cuff and knuckle protection suitable for most general handling tasks.

488837

| Price Per Pair | | | | |
|----------------|------------|----|----|---------|
| Size | Order Code | 1+ | 5+ | 10+ 25+ |

| | | | | |
|----|----------|--|--|--|
| 10 | 149-9172 | | | |
|----|----------|--|--|--|

Safety Gloves

NORTH

Light Task Black

Seamless nylon liner provides excellent fit and comfort. Coated in black polyurethane to give good grip and dexterity. Especially used for applications where small objects are handled. EN420, EN388 (4131).

485863

| Price Per Pair | | | | |
|----------------|------------|----|----|---------|
| Size | Order Code | 1+ | 5+ | 10+ 25+ |

| | | | | |
|----|----------|--|--|--|
| 7 | 137-1880 | | | |
| 8 | 137-1881 | | | |
| 9 | 137-1882 | | | |
| 10 | 137-1883 | | | |
| 11 | 137-1884 | | | |

Safety Gloves

Dots-Grip



NORTH

Reversible string knit cotton glove with knit wrist. Black PVC dots on both sides. Economical, light and comfortable, excellent grip.

485566

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 8 | 137-1808 | | | | |
| 10 | 137-1809 | | | | |

Kevlar Gloves**Kevlar Gloves**

Fireblade 10



Mangold Industrial

Lightweight 13 gauge 100% Kevlar® glove. Protects against nuisance cuts. Also suitable for use as a liner glove. Ideal for use in the paper industry and assembly of white goods. CE marked. Intermediate Design

FB10

Seamless and ambidextrous. Heat resistant up to 100°C.

488317

FB10PD1

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6409 | | | | |
| L | 137-6411 | | | | |

One sided polka dot grip pattern for added grip.

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6344 | | | | |

Kevlar Gloves

Fireblade 20



Mangold Industrial

Medium weight 7 gauge 100% Kevlar® glove. The ambidextrous, seamless construction eliminates irritation from seams. Ideal for use in automotive, glazing and manufacturing. CE marked. Intermediate Design.

Heat resistant up to 100°C.

Two sided polka dot grip pattern. Reinforced thumb crotch protects an area which frequently suffers high wear.

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6412 | | | | |
| L | 137-6413 | | | | |

Kevlar Gloves

PGK10



Mangold Industrial

Based around a 10 gauge 100% Kevlar® liner. Natural rubber latex coating affords good grip, high abrasion and tear resistance. Crinkle finish offers good grip in wet and dry environments. Fully coated thumb to protect the most vulnerable part of the hand. Open back style for user comfort. Ideal for construction and automotive industries. CE Intermediate Design.

488327

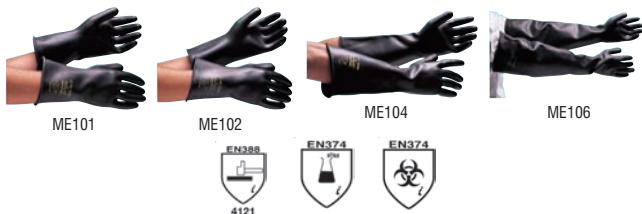
| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6352 | | | | |
| L | 137-6353 | | | | |

Latex Gloves

Mangold Industrial

Latex Gloves

Emperor



Unlined black latex gloves to BS1651. CE marked. Complex design.

ME101

Medium weight, wrist length gloves.

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 8.5 | 137-6397 | | | | |

ME104

Medium weight, elbow gloves.

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 7.5 | 137-6400 | | | | |
| 9.5 | 137-6402 | | | | |

ME106

Light weight, full length gauntlets.

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 9.5 | 137-6404 | | | | |

Latex Gloves

Mangold Industrial

Suretouch V70N



Vinyl disposable gloves that fit either hand. Tear resistant beading for easy pull-on. CE marked.

488327

| Size | Order Code | Price Per Box (100) | | | |
|------|------------|---------------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| S | 137-6374 | | | | |
| M | 137-6375 | | | | |
| L | 137-6376 | | | | |
| XL | 137-6377 | | | | |

Rubber Gloves

Mangold Industrial

Rubber Gloves

Supergrip G04Y



Natural rubber glove, beaded cuff for tear resistance and easy pull-on. Raised pattern palms and fingers for excellent wet grip. Flock lined for comfort. High resistance to water based chemicals. CE marked. Complex design.

488341

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| S | 137-6383 | | | | |
| M | 137-6384 | | | | |
| L | 137-6385 | | | | |
| XL | 137-6386 | | | | |

Rubber Gloves - continued**Rubber Gloves**

Black Heavyweight G17K



Tough general purpose industrial glove with beaded cuff for tear resistance and easy pull-on. High resistance to water based chemicals. CE marked. Complex design.

488359

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6365 | | | | |
| L | 137-6367 | | | | |
| XL | 137-6368 | | | | |

Nitrile Gloves**Nitrile Gloves**

NT10B



Strong lightweight nitrile disposable gloves. Good puncture resistance. Comfortable to wear. Ambidextrous. Ideal for laboratory, pharmaceutical and food preparation industries. CE marked. Box of 100.

488362

| Type | Size | Order Code | Price Per Pair | | | |
|-------------|--------|------------|----------------|----|-----|-----|
| | | | 1+ | 5+ | 10+ | 25+ |
| Powdered | Medium | 137-6356 | | | | |
| Powdered | Large | 137-6357 | | | | |
| Powder free | Medium | 137-6358 | | | | |
| Powder free | Large | 137-6359 | | | | |

Nitrile Gloves

Nitrosolve Z51G



Tough chemical resistant glove, with long elbow length cuff for extra protection. Effective resistance to most aliphatic solvents, oils, fats and greases. High abrasion and puncture resistance. Flock lined for comfort and extended use. CE marked. Complex design.

488355

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6426 | | | | |
| L | 137-6373 | | | | |
| XL | 137-6427 | | | | |

Nitrile Gloves

Blue Nitrile G25B



Nitrile formula, flock lined glove for comfort. Open cuff allows ventilation to keep hands cool. Resistant to many solvents and oil based chemicals. CE marked. Complex design.

488357

| Size | Order Code | Price Per Pair | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| M | 137-6370 | | | | |
| L | 137-6371 | | | | |
| XL | 137-6372 | | | | |

Vinyl Gloves**Vinyl Gloves**

Vinyl Task



Lightly powdered vinyl examination gloves with a smooth finish. Thickness 0.15mm = 6 thou (0.0060 inches). Length 9 inches (23cm). Roll cuff. 100 gloves per box.

4883546

Pack Size - 100

| Size | Order Code | Price Per Pack | | | |
|------|------------|----------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| S | 137-1772 | | | | |
| M | 137-1773 | | | | |
| L | 137-1774 | | | | |
| XL | 137-1775 | | | | |

Foot Protection**Foot Protection**

443365

There are many different types of footwear available and ensuring that all employees wear the correct foot protection can be a difficult task. To help you in your selection please read the following notes but first you need to carry out a risk assessment so you know what hazards and dangers to protect against.

Risk Assessment

The best form of protection is to remove the risk but if this can not be feasably carried out then protection must take place. Assessing the risk must involve defining the job or work area, recognising the risk and identifying the correct method of reducing the risk by removing, controlling or providing suitable safety footwear. Protective features are:



Impact resistant toe caps



Penetration resistant steel mid-soles



Heat resistant sole



Slip resistant sole



Anti-static sole



Acid resistant sole



Chemical and solvent resistant sole



Oil resistant sole



Water resistant

490690

This symbol shows that a shoe / boot conforms to the basic safety protection of the European Standards for Footwear certificate, CE EN345-1. This means the toecaps on the footwear are tested to 200 joules.

**PU Rubber Shoe**

6900 Shoe



- EN345-1
- 200 joule toecap protection
- Black quality leather uppers
- Water resistant leather
- Removable sock
- PU rubber outsole
- Heel absorption



to 300°C



488650

| Size | Order Code | Price Each | | | |
|------|------------|------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 8 | 142-0946 | | | | |
| 9 | 142-0947 | | | | |
| 10 | 142-0948 | | | | |
| 12 | 142-0950 | | | | |

Air Wair Shoe

1925 Shoe



- EN345-1
- 200 joule toecap protection
- Black quality leather uppers
- Goodyear welted Airwair sole
- Yellow Z welt stitching

to 80°C



| Size | Order Code | Price Each | | | |
|------|------------|------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 8 | 142-0911 | | | | |
| 9 | 142-0912 | | | | |
| 10 | 142-0913 | | | | |
| 11 | 142-0915 | | | | |

Air Wair Brogues

6733 Shoe



- Full leather upper brogue shoe
- Genuine air wair sole
- 200 joule toecap
- Goodyear welted
- Anti-slip soles
- EN345-1 CE marked

488623

| Size | Order Code | Price Each | | | |
|------|------------|------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 25+ |
| 7 | 142-0953 | | | | |
| 8 | 142-0954 | | | | |
| 9 | 142-0955 | | | | |
| 10 | 142-0957 | | | | |
| 11 | 142-0958 | | | | |

First Aid**DURATOOL****Statutory First Aid Kit**

1-10 persons



Contains: 1 first aid guidance leaflet, 20 sterile washproof plasters, 2 sterile eye pads with bandage, 4 triangular bandages, 6 safety pins, 8 sterile dressings with pad (assorted), 10 moist wipes, 1 pair latex gloves.

491146

| Description | Order Code | Price Each | | | |
|------------------|------------|------------|--|--|--|
| 1-10 Persons Kit | 137-6441 | | | | |
| 1-10 Refill | 137-6487 | | | | |

Statutory First Aid Kits

Deluxe Kits - Multi Purpose First Aid



Shatterproof ABS cases with no metal parts. Come with hinged lids and wall fixing brackets. Clear perspex content dividers with rubber dust and moisture seals.

DURATOOL

| 1-10 persons | 1 |
|---------------------------------------|----|
| First aid guidance leaflet | 1 |
| Sterile washproof plasters | 20 |
| Sterile eye pads with bandage | 2 |
| Triangular bandages | 4 |
| Safety pins | 6 |
| Sterile dressings with pad (assorted) | 8 |
| Moist wipes | 10 |
| Latex gloves (pair) | 1 |

489501

| Price Each | | | | |
|------------------|------------|----|----|-----|
| Description | Order Code | 1+ | 5+ | 10+ |
| 1-10 persons kit | 137-6443 | | | |

Eyewash Cabinet - Complete Eye Care**DURATOOL**

Robust, portable and multi purpose cabinet with dust and moisture seal and quick release wall bracket.

489410

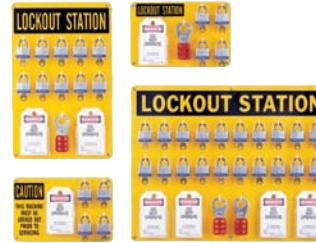
| Price Each | | | | |
|-----------------|------------|----|----|-----|
| Description | Order Code | 1+ | 5+ | 25+ |
| Eyewash cabinet | 137-6474 | | | |

Lock Outs**BRADY.****Plugout**

Accepts a wide range of electrical plugs. High impact plastic provides strength and security. Ensures the locking out of any plug during the maintenance and servicing of a machine. Holds up to 4 padlocks for maximum safety against accidental re-energising. Manufactured from high-impact UV stabilised polymer.

488556

| Price Each | | | | |
|------------|----|----|-----|-----|
| Order Code | 1+ | 5+ | 10+ | 25+ |
| 137-3165 | | | | |

Lockout Storage**BRADY.****Lockout Stations**

Highly visible stations make locks, tags, and lockouts easy to find. Padlocks, clasps and tags supplied separately.

488524

| Size (cm) | Order Code | 1+ | 5+ | 10+ | 25+ |
|----------------------|-------------|----------|----|-----|-----|
| Four lock station | 20.3 x 30.4 | 137-3153 | | | |
| Ten lock out station | 48.2 x 30.4 | 137-3154 | | | |
| Department station | 48.2 x 60.9 | 137-3155 | | | |



Markers**Tapes****Lane Marking Tape**

P.V.Clane marking tape ideal for demarcation.



486868

Line Marking PaintPermanent line marking paint in 750ml cans.
7 colour options available.

488896

| Colour | Size | Order Code | 1+ | 5+ | 10+ | 25+ |
|--------|-------|------------|----|----|-----|-----|
| White | 750ml | 149-9193 | | | | |

Price Each

Spill Management**Maintenance Absorbent Pads**

Handy sized pads suitable for many workshop leaks, drips and splashes.



488783

General Purpose Spill Kit - 70 litres

This kit is suitable for many workshop spills up to 70 litres. Comprising of instruction sheet, pads, socks, disposable bags and ties.



Price Per Pack

| Pack Qty | Order Code | 1+ | 5+ | 10+ | 25+ |
|----------|------------|----|----|-----|-----|
| 100 | 149-9128 | | | | |

Price Each

| Size | Order Code | 1+ | 5+ | 10+ | 25+ |
|-----------|------------|----|----|-----|-----|
| 70 litres | 149-9132 | | | | |

488803

Wipes**Centre Feed Paper Wipers****Wypall L30 Wipers**

The centrefeed dispensing system is ideal for use in clean and dirty manufacturing. Strong fast absorbing wipers for general purpose use.



494570

| Description | Colour | Ply | Sheet Size (mm) | Sheets Per Roll | Rolls | Order Code | Price Each |
|-------------|--------|-----|-----------------|-----------------|-------|------------|------------|
| 7302 | Blue | 2 | 206 x 380 | 300 | 6 | 155-9052 | |
| 7303 | White | 2 | 206 x 380 | 300 | 6 | 155-9053 | |

Paper Wipers**L10 Wipers - 7140**

Large roll system offers high capacity and controlled usage. Wipers are guaranteed to clean up. High capacity and low cost-in-use. 8 out of 10 users prefer it and up to 15% less wipers are used.



490475

| Description | Colour | Sheet Size (mm) | Sheets Per Roll | Order Code | Price Per Roll |
|-------------|--------|-----------------|-----------------|------------|----------------|
| 7140 | Blue | 235 x 380 | 1500 | 155-9021 | |

Wypall L40 Wipers

Bulky wipers with excellent absorption capacity and wet strength. Ideal for cleaning up larger spillages and suitable for most surfaces. Large roll system offers high capacity and controlled usage.



492979

| Description | Colour | Ply | Sheet Size (mm) | Sheets Per Roll | Order Code | Price Per Roll |
|-------------|--------|-----|-----------------|-----------------|------------|----------------|
| 7425 | Blue | 3 | 235 x 380 | 750 | 155-9038 | |

Large Roll Paper Wipers**Wypall L30 Wipers - 7301**

Large roll system offers high capacity and controlled usage. Strong fast absorbing wipers for general purpose use.



493116

| Description | Colour | Ply | Sheet Size (mm) | Sheets Per Roll | Order Code | Price Each |
|-------------|--------|-----|-----------------|-----------------|------------|------------|
| 7301 | Blue | 2 | 330 x 380 | 500 | 155-9020 | |

Wypall L10 Paper Wipers**7132 & 7133**

The centrefeed dispensing system is ideal for use in clean and dirty manufacturing. Wipers for frequent light wiping and small spillages. 8 out of 10 users prefer it and up to 15% less wipers are used.



493146

| Description | Colour | Sheet Size (mm) | Sheets Per Roll | Rolls Per Case | Order Code | Price Per Case |
|-------------|--------|-----------------|-----------------|----------------|------------|----------------|
| 7133 | White | 206 x 380 | 600 | 6 | 155-9055 | |

Specialist Wipers**Kimtech Science Delicate Task Wipes Pop-Up Box**

Low linting ideal for delicate task wiping. Designed for use within laboratories for the cleaning and wiping of delicate surfaces such as lenses, slides and scientific instruments. Made from 100% virgin fibre, giving more absorbency and a softer feel. Ideal for wiping up small spills, cleaning pipette.



493844

| Description | Colour | Ply | Sheet Size (mm) | Sheets Per Box | Boxes Per Case | Order Code | Price Each |
|-------------|--------|-----|-----------------|----------------|----------------|------------|------------|
| 7102 | White | 2 | 200 x 210 | 100 | 33 | 155-9043 | |

Cloth Wipers

Wypall X70 Brag Box - 8383



The Patented BRAG® Box, is a portable dispensing system with large capacity. High performing and fast absorbing. They are ultra absorbent and durable for quickly and efficiently wiping away oil, grease, grime and solvents. Ideal for keeping tools and machinery clean.

494202

| Description | Colour | Sheet Size (mm) | Sheets Per Box | Order Code | Price Per Box |
|-------------|--------|--------------------|-------------------|------------|---------------|
| 8383 | White | 310 x 420 | 150 | 155-9039 | |

Wypall X60 Pop-Up Box - 8376

Pop up box is ideal for bench and portable dispensing. Versatile and durable for economical wiping. These are our most conformable and flexible re-usable cloths ideal when precision and absorbency are required. Recommended for dealing with difficult corners or surfaces.

492873

| Description | Colour | Ply | Sheet Size (mm) | Sheets Per Box | Order Code | Price Each |
|-------------|--------|-----|--------------------|-------------------|------------|------------|
| 8376 | White | 1 | 231 x 426 | 126 | 155-9049 | |

Hand Cleaners**Deb® Skin Care System™ 'Cradle' Dispenser**

Complete 3-step skin care system specifically for mobile vans and other areas of limited space or where no clean running water is available

- Recyclable Cartridges** - All cartridge components are made of fully recyclable materials which are easy to dispose of in recyclable waste
- Colour-Coded** - Easy visual identification of product type. Encourages correct product usage and compliance
- Pumps Integrated into Each Cartridge** - Ensures maximum level of hygiene and no risk of product cross-contamination
- Language Neutral Usage Instructions** - Easy to follow illustrations, ideal for multi-nationality workforces
- Site Glass** - Indicates the level of product in the cartridge which helps identify when cartridges need replacing

542080

| Mftrs. | Price Each | | | | |
|---|------------|----|----|-----|------------|
| List No. | Order Code | 1+ | 5+ | 10+ | Price Each |
| DISPENSER KIT, MOBILE, STARTER PACK DCSP01PR 171-2662 | | | | | |

Hand Cleanser

Alcohol Gel



High efficacy alcohol gel skin sanitiser that works instantly to kill micro-organisms present on the skin. Gel formula proven to kill 99.999% of food poisoning bacteria, moulds and yeasts. Non-tainting. Contains conditioner. Non-toxic. Compliant with EN 1500, prEN12054, EN1276 and EN1275. 50ml bottle is supplied with a handy clip to allow it to be fastened to clothing.

485980

| Description | Size (litre) | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|-------------|-----------------|------------|----|----|-----|-----|------------|
| Bottle | 0.50 | 137-0593 | | | | | |
| Cartridge | 0.75 | 137-0658 | | | | | |
| Cartridge | 1 | 137-0656 | | | | | |

Hand Cleanser

Natural



Powerful, fast-acting hand cleaning cream for removing tough industrial soiling: tar, bitumen, resins, adhesives, inks, some paints, oil, grease and general grime. Its unique formulation gives a deep-down clean and moisturises the skin. Heavy duty hand cleaning.

485988

| Description | (litre) | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|-------------|---------|------------|----|----|-----|-----|------------|
| Pump pack | 0.4 | 137-0634 | | | | | |

Swarfega® Original

World famous, original green gel hand cleaner with added conditioner



NEW

- Versatile** - Suitable for use on oil, grease, grime and many oil based paints
- Easy to use** - Advanced new gel formulation makes it easy to apply and rinse off with no residue.
- Highly Effective** - Has the cleaning performance normally associated with products containing scrubbing agents.
- Economical** - Only a small amount is needed.

| Mftrs. | Quantity | Price Each |
|--------|----------|-------------------|
| | 4.5 l | SWA45L 171-2691 |
| | 12.5 kg | SWA125KG 171-2692 |

Vacuum Cleaners**Henry**

The go-anywhere cleaner with unique cable rewind system. The tough body is fitted with twin wheels and castors for true 4-wheel tracking mobility. Accessories supplied: double swivel hose, stainless steel tube set, floor nozzle and a full set of small tools. 9 litre capacity, 1200W motor.

| Voltage | Order Code | 1+ | 5+ | 10+ | Price Each |
|---------|------------|----|----|-----|------------|
| 240 | 155-8505 | | | | |
| 110 | 155-8530 | | | | |

Vacuum Bag

490881

| Order Code | 1+ | Price Each |
|------------|----|------------|
| 155-8506 | | |

Disposable Vacuum Cleaner Bags**Paper Dust Bags**

Allows easier, cleaner emptying of machine. Supplied in packets of 10.

| Model | For Models | Order Code | 1+ | 5+ | 10+ | 25+ | Price Each |
|--------|----------------|------------|----|----|-----|-----|------------|
| NVM-1C | Henry, HZ-250 | 155-8506 | | | | | |
| NVM-4B | NV-900, WV-750 | 155-8520 | | | | | |

WX

This desoldering system is in a league of its own!

More powerful, faster, more economical – the new WXDP 120 from Weller is the ultimate in desoldering irons.

Thanks to a power output of 120 watts, it can master even difficult desoldering tasks that had once seemed impossible.

The unbelievable heating-up time of 35 seconds makes it the world's fastest desoldering iron. An automatic Standby mode provides huge energy savings. Low working temperatures triple the useful life of the suction nozzles.

Thanks to perfect ergonomics and quick release locks for changing solder cartridges and suction nozzles, the WXDP 120 also raises the bar in terms of handling. The accompanying soldering station WXD 2 supplies the vacuum.



Weller®

<http://uk.farnell.com/weller>