



## (HARD HAT ASSEMBLY) CARRIER



**HHA CARRIER**

### Description

The Dromex® HHA carrier system is a universal helmet mounted face shield and earmuff combination that's easy to attach and detach, provides optimum hearing and face protection against liquid splash, medium impact particulate, molten metal and resistance to penetration of hot solids.

Compatible with most industrial helmets, these combination earmuffs and face-shields are suitable for use in construction, general industry, mining, oil and gas, utilities airports, excavation equipment handling, generators, machining, grinding, woodwork and drilling applications.

### Special Instructions

#### EARMUFFS:

- Do not share earmuffs as ears can be exposed to ear infections.
- Product should be worn properly at all times in noisy surroundings.
- The earmuffs should be fitted, adjusted and maintained in accordance with instructions provided on this packaging.
- If the recommendations are not adhered to, the protection afforded by the product will be severely impaired.
- This product may be adversely affected by certain chemical substances; avoid the use of agents (i.e. solvents and other disinfectants) that are known to be harmful to the wearer and/or the earmuff.
- Regularly inspect for tears or cracks and replace if service ability is suspected to be affected.
- Sounds above 85dB are harmful to the ears.
- Spectacle frames and hair between the ear pad and head may affect the performance of the ear protector.

#### VISOR:

- This eye protector is suitable for use to the lowest marking on the brow guard or visor. Clear material face shields are not intended for welding use. Safety spectacles with side shields are used as primary protection to shield the eyes from heat hazards. To adequately protect the eyes and face from high temperature exposure, use safety spectacles in combination with a heat protective face shield. Only shade 5 green material face shields are suitable for welding use. Wire mesh face shields are not suitable for protection against high speed particles, liquid splash, molten metal splash, hot solids, electrical hazards, furnace or welding use.
- Optical class 3 oculars are not intended for long term use.

### Compliance & Conformity

Manufactured to EN 352-1:2002 and EN 352-3: 2002, Hearing Protective Equipment, CE certificate 676978 and EN166:2001 and EN 1731:2006, Personal Eye Protection: Face shields, CE certificate 682750 as per the requirements of Eu Type examination certificate, 2016/425 Directive 89/686/EEC by BSI.

### Specifications

Style:	Helmet mounted detachable face shield and earmuffs with adjustable cups
Earmuffs:	<ul style="list-style-type: none"> <li>• Material earcup: ABS (Acrylonitrile butadiene styrene) earmuff cup with a foam cushion and soft leather skin covering</li> <li>• Material earmuff helmet connector: POM (Polyoxymethylene), nylon and glass filled polymer housing, with a steel screw</li> <li>• Noise attenuation data: SNR 28 dB H 31 dB M 26 dB L 19 dB</li> </ul>

#### Material visor:

- Material Visor consists of polycarbonate, 1mm thick
- Markings on visor:  
EN 166: 2001, 1.B.9, Z87+  
  
1 = ± 0, 06 DIOPTRIS PERMANENT WEAR  
B = Medium Energy high speed particles 120m/s  
9 = Areas of use, Molten Metals and hot solids

#### Material carrier:

- Material HHA carrier: ABS (Acrylonitrile butadiene styrene)
- Markings on carrier frame:  
EN 166: 2001, 1.B.9, Z87+  
  
1 = ± 0, 06 DIOPTRIS PERMANENT WEAR  
B = Medium Energy high speed particles 120m/s  
9 = Areas of use, Molten Metals and hot solids  
3 = Suitable for protection against liquid droplets

### Packaging, Storage & Obsolescence

- Interex Earmuffs packed in individual boxes and sold as 10 units in a carton
- HHCARRIER packed in individual polybags and sold as 20 units in a carton
- HHPCVISOR wrapped in individual packaging and sold as 20 units in a carton

#### EARMUFFS:

User's instructions included in the polybag  
When not in use or during transportation, the earmuff should be stored in a container such that it out of direct sunlight, away from chemicals and abrasive substances and cannot be damaged by physical contact with hard surface and items.

#### VISOR:

User's instructions included in the polybag  
When not in use or during transportation this face shield should be stored in a container that is out of direct sunlight, away from chemicals and abrasive substances and cannot be damaged by physical contact with hard surfaces/items. Do not store outside temperature range of -20°C to +50°C or with humidity above 90%RH.

### Cleaning & Maintenance

#### EARMUFFS:

After each use wash and rinse with warm soapy water  
Clean and dry earmuffs when not used for a long period of time  
Solvent or abrasive cleaner should not be used  
Cushions may deteriorate with use and should be examined at frequent intervals for cracking and tears.  
Discard immediately when headband is broken, cups are damaged and cushions are missing, as the earmuff can no longer provide full hearing protection.

#### VISOR:

To maintain the face shield in the best possible condition do not use solvents or abrasive materials to clean.  
Rinse in a weak solution of mild detergent in clean water and dry with a soft cloth. Scratched or damaged visors should be replaced. Replacement visors are available.  
Should any difficulties be encountered, connecting or disconnecting the face shield, contact the manufacturer.

### Shelf life

- Under normal circumstances the earmuff should offer adequate protection for 2-3 years.
- Discard if noticeable damages is prevalent
- Visor :
- Under normal circumstances the face shield should offer protection for up to 5 years.

### Materials

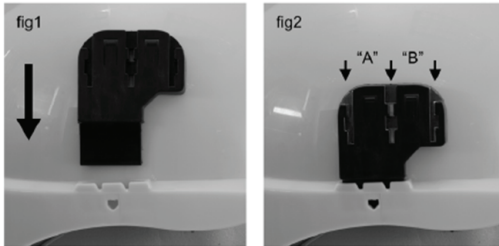
None of the materials used in the manufacture of the HHA system are known to adversely affect the hygiene or health.

### Donning/Insert the earmuff

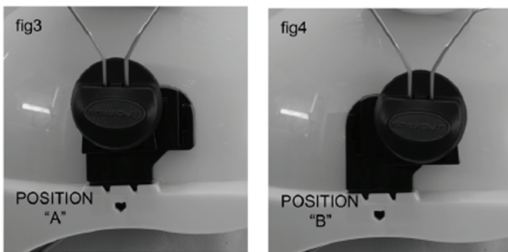
The ear defender must only be attached to the helmet using the correct adapter kit.

Ensure ear muffs defenders are fitted, adjusted, maintained and regularly inspected to ensure no wear or damage is present.

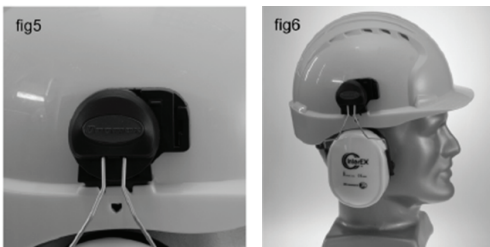
To connect the ear defender to the helmet, insert the inter-ex helmet mounting bracket (fig1) into the helmet slot (fig2).



Attach the inter-ex ear muff bracket into the helmet mounting bracket in either position "A" (fig3) or position "B" (fig4) so that the ear muff will have the best fit and line up the ear muff with the ear.



Locate the inter-ex bracket firmly into the helmet mounting bracket (fig5) and rotate the ear muff into position (fig6)



Position the ear defender cups at the bottom of the arms. Place the helmet on the head and adjust to get a comfortable fit. Pull the side arms in against the head until they locate and slide the ear cups up the side arms until the ears fit comfortably inside the cups.

### Donning/Insert the visor

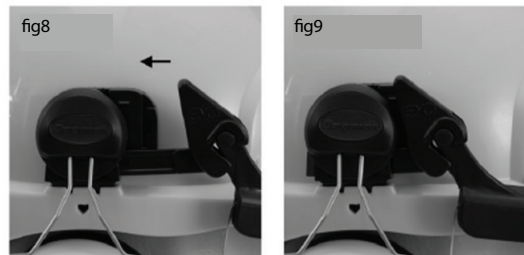
To insert the new face shield, firstly remove the protective film, then start at one end and insert the face shield into the locating slot with the hole lined up with the carrier pin.

Push the face shield until it locates onto the carrier pin. Repeat this step for all 3 locating holes. Re-attach. Please ensure hands are clean and free of dirt as this could scratch the visor.



### Donning/ Inserting the eye protector onto helmet

The visor should only be fitted to the DROMEX inter-ex ear muff assembly. Insert the brow guard locating arm into the locating slot (fig8) of the Inter-ex earmuff bracket until the assembly is in position and the tab locked (fig9).



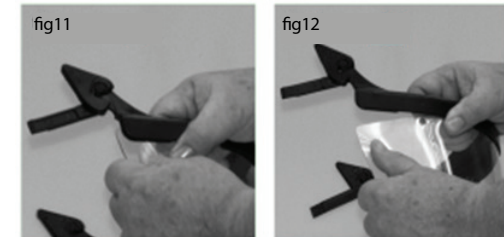
The entire face shield and ear muff assembly should be connected to the helmet when ready to use (fig10).



### Doffing/Removal of face shield

To replace the face shield, remove the carrier from the hard hat assembly. Hold the face shield assembly (fig 11) and press the face gently until the shield releases from the carrier locating pin (fig 12).

Repeat this for all three location pins until the face shield is separate from the carrier.



### Disposal

All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Hearing protective devices should be disposed of considering the hazardous substance they were used for. Please consider recycling.

• Visor



• Visor carrier

