Breathing Air Hose Assembly & Safety Lock Couplings

Our breathing air hose assemblies are flame resistant, heat resistant, anti-static and lightweight due to its 5 layer material construction.

**keep connected**

**Quality Standards**

Quality Standards are vital within the breathing air industry - and our assemblies conform with all the required standards, and more!
5 Layer protection - Available in 3 colour variations

Our breathing air hose assemblies are flame resistant, heat resistant, anti-static, lightweight due to the 5 layer material construction. The hose complies with EN 14593 1/2:2005 & EN 14594:2005 standards.

As well as meeting the necessary hose standards, our experienced assembly team have the knowledge required to ensure each hose kit is constructed correctly and reliably, with 100% of our couplings leak and function tested.

CE Marking (CE0086) 10 x 16 size - Standard compliant

Our 10 x 16mm hose assembly (including Kee 073/074/076 couplings & plugs) has been tested and approved by BSI (CE0086) at their accredited centre of excellence.

The CE marking is for Personal Protective Equipment (PPE) and provides safety in knowledge that this product meets and exceeds the essential requirements through standards testing.

Material Information (from left to right)

1. Flame and Heat resistant jacket
2. Outer reinforced polyester braiding
3. Heat resistant inner wall
4. Inner reinforced polyester braiding
5. Anti-static liner

Exterior of 7mm x 14mm hose contains the following marking:
BREATHING AIR HOSE EN14593-1, EN14593-2 & EN14594/0714KEE/HEAT RESISTANT H/ANTISTATIC S/FLAME RESISTANT F/CLASS A & B/2018

Exterior of 10mm x 16mm hose contains the following marking:
BREATHING AIR HOSE EN14593-1, EN14593-2 & EN14594/1016KEE/HEAT RESISTANT H/ANTISTATIC S/FLAME RESISTANT F/CLASS A & B/CE0086/2018

Technical Specifications

<table>
<thead>
<tr>
<th>7mm x 14mm x 3mm</th>
<th>10mm x 16mm x 3mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Pressure*</td>
<td>30 bar*</td>
</tr>
<tr>
<td>Burst Pressure**</td>
<td>120 bar**</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-20°C to +70°C</td>
</tr>
</tbody>
</table>

Features

<table>
<thead>
<tr>
<th>7mm x 14mm x 3mm</th>
<th>10mm x 16mm x 3mm</th>
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</thead>
<tbody>
<tr>
<td>Colours</td>
<td>Black</td>
</tr>
<tr>
<td>Performance</td>
<td>Flame resistant, Heat resistant, Anti-Static, Lightweight</td>
</tr>
<tr>
<td>Anti-Static Resistivity</td>
<td>&lt;10⁴ Ω/m in accordance with NF EN ISO8031</td>
</tr>
</tbody>
</table>

* - Working pressure is based on ambient temperature (23°C). Higher temperatures lead to reduced working pressures / assembly durability. Working pressure is restricted to 10 bar for EN 14593 1/2:2005 and EN 14594:2005 (Class A & B) heat resistant applications.

** - Burst pressure is based on ambient temperature (23°C).
Kee 076 Series

UK stock, assembly and testing

Our Kee 076 Series hose assemblies are 100% function and leak tested in the UK for your safety.

**Applications**

Our Kee 076 Series Breathing Air fittings are suitable and compliant for a wide range of applications including Positive Pressure Suits, H2S Protection, Half Masks, Full Masks.

**Safety Locking System**

The idea behind the safety lock coupling is that it can’t be disconnected unintentionally, therefore protecting the user from being exposed to a hostile environment. To release the safety lock mechanism, the plug must first be pushed further into the coupling.

**Breathing Air Range**

**Breathing Apparatus** is used to provide the user with a continuous flow of air from an independent source.

Air is often provided by connecting one end of the hose to a compressor and the other end directly to the waist belt or directly to the mask via a filter.

Our hose assemblies (EN14593 & EN14594 certified) can be used in a wide range of half masks, full masks, hoods and suits.

**Attention to detail**

**Ferrule Inspection Holes**

Our ferrules contain a small inspection hole so you can see the hose is in the correct position after assembly. This helps the end user ensure the hose is in a functional condition during usage.

**Protective Caps**

Protective Caps secure fittings to protect them from environmental dust and dirt. They also prolong the lifespan of the coupling/plug and help to keep it in good working condition. [sold separately]

**EPDM Seals**

In our D73, D74, 076 series couplings we use EPDM seals - one of the most durable rubbers available. These seals are specially designed.

Call us on 0151 203 1830 for all enquiries or for more information.