

## European Personal Protective Equipment (PPE)

European Directive 89/686/EEC – Personal Protective Equipment.  
**PPE Category III Complex Design:** For use in applications where effects are irreversible or mortal risk is present.



Hand Protection - PPE Category III Gloves	
<p>EN374-1:2003</p> <p><b>EN374-1:2003 Low Chemical Protection</b>                      Protection against Chemical Splash. Ask Manufacturer for breakthrough times against of chemicals being used.                      Test: Permeation EN374-3:2003</p>	<p>EN374-2:2003</p> <p><b>EN374-2:2003 Microorganism Protection</b>                      Protection against microorganisms Level 2 AQL 1.5                      Test: Water-Tightness, ISO2859 sampling by Lot.</p>
<p>EN 374-3:2003</p> <p><b>EN374-3:2003 Chemical Protection</b>                      Protection against Chemical Permeation. List of 12 chemicals, each assigned a letter a to l, on at least 3 chemicals                      Test: Permeation EN374-3:2003</p>	<p>EN 388:2003</p> <p><b>EN388:2003 Mechanical Protection</b>                      Protection from Puncture, Tear, Cut and Abrasion. 4 Levels:                      4 Highest (Out – 5 Highest),                      1 Lowest</p>

## Body Protection - PPE Category III Coveralls

<p>EN 14605:2005</p> <p><b>Type 3</b> – Liquid tight clothing</p>	<p>EN 14605:2005</p> <p><b>Type 4</b> – Spray tight clothing</p>	<p>EN 1073-2:2002</p> <p>Radioactive dust contamination protection</p>	<p>EN 14126:2003</p> <p>Infective agents protection</p>
<p>EN 14605:2005</p> <p><b>Type 3</b> – Liquid tight clothing</p>	<p>EN 13094:2005</p> <p><b>Type 6</b> – Limited splash protection</p>	<p>EN 1073-2:2002</p> <p>Radioactive dust contamination protection</p>	<p>EN 14126:2003</p> <p>Infective agents protection</p>
<p>EN 14605:2005</p> <p><b>Type 4</b> – Spray tight clothing</p>	<p>EN 13094:2005</p> <p><b>Type 6</b> – Limited splash protection</p>	<p>EN 1073-2:2002</p> <p>Radioactive dust contamination protection</p>	<p>EN 14126:2003</p> <p>Infective agents protection</p>
<p>EN 14605:2005</p> <p><b>Type 5</b> – Particle protection</p>	<p>EN 13094:2005</p> <p><b>Type 6</b> – Limited splash protection</p>	<p>EN 1073-2:2002</p> <p>Radioactive dust contamination protection</p>	<p>EN 14126:2003</p> <p>Infective agents protection</p>
<p>EN 14605:2005</p> <p><b>Type 6</b> – Limited splash protection</p>	<p>EN 13094:2005</p> <p><b>Type 6</b> – Limited splash protection</p>	<p>EN 1073-2:2002</p> <p>Radioactive dust contamination protection</p>	<p>EN 14126:2003</p> <p>Infective agents protection</p>

## Respiratory Protection - PPE Category III Respirators

<p>EN 149:2001 + A1:2009 Respiratory protective devices. Filtering half masks to protect against particles.</p>	<p><b>Filter Performance Class:</b></p> <ul style="list-style-type: none"> <li>FFP1 filters 80% of solid &amp; liquid particles</li> <li>FFP2 filters 94% of solid &amp; liquid particles</li> <li>FFP3 filters 98% of solid &amp; liquid particles</li> </ul> <p>Test method defined in standard.</p>
<p><b>Nominal Protection Factor:</b></p> <ul style="list-style-type: none"> <li>FFP1 nominal protection factor 4</li> <li>FFP2 nominal protection factor 12</li> <li>FFP3 nominal protection factor 50</li> </ul> <p>Factor of 50 means pollution inside the respirator is 50 times lower than outside the respirator.</p>	<p><b>120mg Loading test:</b>                      This test requirement determines performance under heavy particle load.</p> <p><b>Dolomite Test:</b>                      Optional test to demonstrate filtration performance over time.</p>

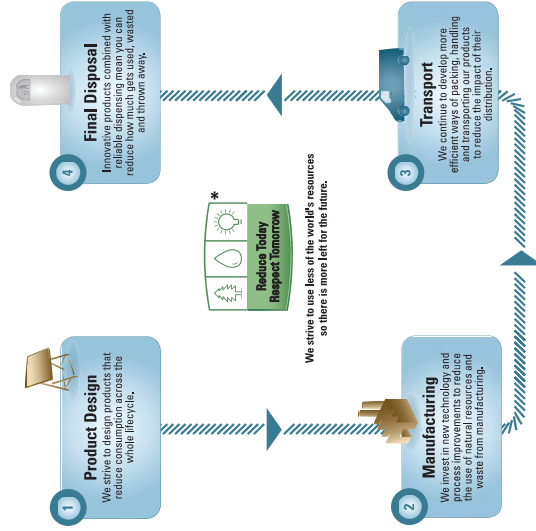
## THE SCIENCE OF SUSTAINABILITY

Reducing environmental impact is essential to a sustainable future. At KIMBERLY-CLARK PROFESSIONAL\* we look at the big picture. Our environmental focus is integrated into our business strategy and decision-making processes. This enables us to deliver our two main objectives:

- To be an **environmental leader** focused on **reducing our impact**
- To provide **environmentally sound product solutions** to our customers that:

**Reduce the amount they use, and Meet their high performance requirements**

### Considering Sustainability Throughout the Cycle



### Tangible results

- Product Design**  
STERLING\* Glove technology has helped us to create a glove that has equivalent chemical holdout to thicker gloves, while reducing material usage by 50%.
- Manufacturing**  
Kimberly-Clark apparel manufacturing facilities are 98% landfill free. Our vision is to be 100% landfill free by 2015.
- Transport**  
Improved pallet fit, and more product per case has reduced the transportation carbon footprint of our products.
- Final Disposal**  
Kimberly-Clark products have less packaging, less material, and for apparel, a new recycling program to mitigate waste.

### Tools

We offer you tools that can help you to measure the reductions in waste, space, cost and environmental impact that could be achieved by using KIMBERLY-CLARK PROFESSIONAL\* Products. An example of this is our on-line GREENMETER.

Go to [www.contaminomics.com/sustainability/green-meter](http://www.contaminomics.com/sustainability/green-meter) to calculate your savings in space and waste using KIMTECH SCIENCE\* STERLING\* and GREEN NITRILE Gloves.

### Reducing Together

We believe that finding solutions which reduce the consumption of resources at every stage of the product lifecycle is the best way to reduce our impact and deliver sound choices to our customers – leaving more for future generations. And, we know there is still a lot to do.

Please join us in working to **REDUCE TODAY. RESPECT TOMORROW\***. To learn more visit [www.kcpreducetoday.com](http://www.kcpreducetoday.com) or visit [www.contaminomics.com/sustainability](http://www.contaminomics.com/sustainability) for sustainability solutions dedicated to your business.