

## CUSTOMER DATA SHEET : CDS

Product codes: **47147, 48247**  
KIMTECH\* SCIENCE Pleated Fluid shield Face Masks  
Countries sold into: EMEA

Status: **On Sale**  
Date: **April 2009**  
Version: **1**  
Replaces: **N/A**



## FEATURES AND BENEFITS

- Kimberly- Clark's pleated masks provide proven excellent bacterial and particle filtration to avoid contamination
- These KIMTECH\* masks offer the protection of patented LONCET\* breathable film, which offers barrier against fluids
- SPLASHGUARD\* visor to resist fluid penetration upon impact
- Low- lint outer layer provides process protection from contamination <sup>\*(1)</sup>.
- Facing components provide high levels of comfort associated to good breathability and proven bacterial and particle filtration
- Materials and donning attachments are sonically bonded improved product integrity and strength
- Nose pieces are fully enclosed to assist in conforming to the contours of the face
- Alternative head attachments methods available to satisfy multiple customer's needs
- Latex and silicone free for reduced risk of toxic reactions such as skin irritation

## PRODUCT CONSTRUCTION

Product Colour:	Orange
Mask design:	Pleated with foam band
Visor:	Wraparound SPLASHGUARD* visor
Size (mask width):	7", 18cm
Binding:	White, hydro-entangled polyester
Nose piece:	Fully enclosed, soft, malleable aluminium wire
Components:	Polypropylene, polyester, polyethylene, cellulose, polyurethane, acrylic (adhesive)
Attachment methods:	White, tubular knitted polyester/polyurethane
47147: Ear loops, 48247: Head ties	

## PRODUCT PRESENTATION

25 masks per box, 4 boxes per case	Total 100 masks per case
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## FILTRATION PERFORMANCE

Product code	47147	48247
Particle Filtration Efficiency <sup>*(2)</sup> : PFE (%), @ 0.1 microns	98.2%	99.5%
Bacterial Filtration Efficiency <sup>*(3)</sup> : BFE in vitro(%), @ 3.2 micron	99.3%	99.2%
Differential Pressure <sup>*(4)</sup> , ΔP in mm H2O, @ 8 LPM flow rate	3.4	2.4
Splash resistance level: ASTM (tested on blood) in mmH <sup>3</sup>	160	160

Test methods and conditions:

<sup>\*(1)</sup>: Statement based on sales of product into fabs. We strongly recommend testing the product in your facility.

<sup>\*(2)</sup>: PFE Test method: ASTM F1215-89

<sup>\*(3)</sup>: BFE Test method: MIL-M-36954C

<sup>\*(4)</sup>: ΔP Test method: MIL-M-36954C

## IMPORTANT NOTE

The CE marks that can be encountered on these products are in accordance to the requirements for CE-Certification of Medical Devices class I, as per Annex IX of the Council Directive 93/42/EEC. For medical applications, we strongly recommend you to contact our Health Care division for advice:

<http://www.kchealthcare.com/Europe/index.aspx?culture=en-GB>

For clean room and laboratory applications, KIMTECH\* masks are recommended to be used for the protection of the components of the process components and materials used. They are not intended to provide respiratory protection to the wearer, therefore they can't be considered personal protective equipment and can't carry a CE mark as such.

Data presented on this CDS was generated from samples which were taken to be typical of standard product. The data and other information contained herein are the property of Kimberly-Clark and are considered trade secrets.

KIMBERLY CLARK PROFESSIONAL\* products are only manufactured to authorized specifications. It is our policy to design, manufacture and deliver products which meet our specifications for quality, performance and safety. The products listed above are manufactured and audited according to ISO EN 9001 Quality Management System guidelines. In common with the ISO 9001 philosophy, we also conduct internal quality and good manufacturing practices audits at all manufacturing facilities to ensure the systems work as designed and products provided are safe to use. Internal quality system assessments are carried out by independent quality personnel based in Europe and the U.S.A. Additional information can be provided upon request.