

# KIMTECH™

## Kimtech™ Opal™ Nitrile Gloves

- Enhanced wet and dry grip
- Improved comfort for extended wearing time
- High tactile sensitivity without compromise on wearer's safety

### MANUFACTURED WITHOUT VULCANISATION ACCELERATORS<sup>1</sup>

Kimtech™ Opal™ Nitrile Gloves guard against contamination by chemical splash and micro-organism hazards, delivering seamless protection when and where it counts. The powder-free gloves are ideal for use in research and production facilities, life sciences and non-sterile drug manufacturing applications.

The gloves feature an innovative approach using a thin nitrile polymer with a tip thickness of just 0.07 mm, but with excellent tensile strength suitable for rigorous process use.

Easy to don, soft and comfortable Kimtech™ Opal™ Nitrile Gloves are suitable for extended wearing time. The absence of natural rubber latex, vulcanising agents<sup>1</sup> and no sulphur added, reduces the risk of TYPE I and TYPE IV glove-associated skin reactions, protecting the wearer as well as the application.

Precision manufacturing reduces the risk of contamination and ensures the nitrile gloves offer high levels of regulatory compliance. Beaded cuffs and textured fingertips enable excellent handling of both wet and dry materials, and the ambidextrous gloves have been extensively tested under stringent conditions. In addition, the thin nitrile construction and efficient packaging mean that the chemical-resistant gloves can reduce waste by up to 50%<sup>2</sup>.



Patented Technology \*

\*Patent [www.lowderma.com/patents](http://www.lowderma.com/patents)

Recyclable  
through The  
RightCycle™  
Programme<sup>3</sup>

<sup>1</sup>No sulphur added and formulated without the following vulcanising chemicals and accelerators : Thiurams, Thiazoles, Guanidines and Carbamates.

<sup>2</sup>Compared to a standard number of gloves per dispenser box of 100.

<sup>3</sup>Available in the UK, Ireland, France, Spain, Germany, Austria and Belgium

# Kimtech™ Opal™ Nitrile Gloves



## Key Features

- › Soft, comfortable and easy to don
- › Thin nitrile<sup>4</sup> polymer film construction featuring enhanced barrier protection against micro-organisms, viruses and chemical splash
- › Formulated without Thiurams, Thiazoles, Guanidines, Carbamates and no added sulphur
- › Dark colour that enhance concentration on task compared to light coloured gloves


## Assured Compliance

- › PPE Cat III according to Regulation (EU) 2016/425
- › EN ISO 374-1 Type B (KPT) Chemical Splash protection
- › EN 374-4 Resistance to degradation by chemicals
- › EN ISO 374-5 Micro Organism and VIRUS Protection

## Quality Standards

- › Manufactured in accordance with Quality System ISO 9001 and ISO 13485

## Size Guide

| Size | Code  | Length | Quantity  |
|------|-------|--------|---|
| XS   | 62880 | 24cm   | <br>10 dispenser box / case,<br>200 gloves/dispenser box<br>= 2000 gloves / case |
| S    | 62881 |        |   |
| M    | 62882 |        |   |
| L    | 62883 |        |   |
| XL   | 62884 |        | 10 dispenser box / case,<br>170 gloves / dispenser box<br>= 1700 gloves / case  |

## Product Specifications

| Characteristics           | Value                            |                              | Test method                         |                      |
|---------------------------|----------------------------------|------------------------------|-------------------------------------|----------------------|
| Freedom from holes        | AQL 1.5 <sup>5</sup>             |                              | EN 374-2:2014 and ASTM D5151        |                      |
| <b>Tensile properties</b> | <b>Tensile strength</b>          | <b>Elongation at Break</b>   |                                     |                      |
| - Unaged<br>- Aged        | ≥ 18 MPa, min.<br>≥ 14 MPa, min. | ≥ 500%, min.<br>≥ 400%, min. | ASTM D412, ASTM D573 and ASTM D6319 |                      |
| <b>Dimension</b>          | <b>Minimal Thickness/width</b>   |                              |                                     |                      |
| Thickness (mm)            | Middle finger<br>0.07            | Palm<br>0.05                 | Cuff<br>0.04                        |                      |
| Palm width (mm)           | XS<br>75                         | S<br>85                      | M<br>95                             | L<br>106             |
|                           |                                  |                              | XL<br>116                           | ASTM D6319, EN 21420 |

EN ISO 374-1 / Type B

EN ISO 374-5



CE 2797

UK CA 0086



By Kimberly-Clark Professional®

RightCycle by Kimberly-Clark Professional® is an innovative recycling programme that diverts waste from landfills and helps you achieve, or even exceed, your organisation's sustainability goals. This programme enables you to turn previously hard-to-recycle nitrile gloves from Kimberly-Clark into durable consume goods. For more information, ask your Kimberly-Clark Professional™ Account Manager or visit [www.kimtech.eu](http://www.kimtech.eu) Services / RightCycle™ Programme available in the UK, Ireland, France, Spain, Germany, Austria and Belgium

Visit us at [www.kimtech.eu](http://www.kimtech.eu) or for any questions, email: [kimtech.support@kcc.com](mailto:kimtech.support@kcc.com)

<sup>4</sup> Nitrile is a synthetic material exhibiting many of the properties of natural rubber latex while offering other distinct advantages: comfortable fit, resistance to puncturing and abrasion without compromising dexterity.

<sup>5</sup> AQL as defined per ISO 2859-1 for sampling by attributes.

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