

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 ACCELERATORS¹

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 agents¹ 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%².



Patented Technology *

*Patent www.lowderma.com/patents

Recyclable
through The
RightCycle™
Programme³

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

²Compared to a standard number of gloves per dispenser box of 100.

³Available in the UK, Ireland, France, Spain, Germany, Austria and Belgium

Kimtech™ Opal™ Nitrile Gloves



Key Features

- › Soft, comfortable and easy to don
- › Thin nitrile⁴ 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	 10 dispenser box / case, 200 gloves/dispenser box = 2000 gloves / case
S	62881		
M	62882		
L	62883		
XL	62884		10 dispenser box / case, 170 gloves / dispenser box = 1700 gloves / case

Product Specifications

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

EN ISO 374-1 / Type B



EN ISO 374-5



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