







Technical data sheet

BINGOLD Nitril 50PLUS

as of 11.06.2024

Size	S	M	L	XL	XXL
Article number	634901	634902	634903	634904	634905
PZN	12569159	12569165	12569171	12569188	19095397
GTIN carton	4004034634916	4004034634930	4004034634954	4004034634978	4004034004405
GTIN dispenser	4004034634909	4004034634923	4004034634947	4004034634961	4004034004399
Weight	4,7 +/- 0,2 g	5 +/- 0,2 g	5,3 +/- 0,2 g	5,6 +/- 0,2 g	6,5 +/- 0,2 g

Description	Disposable gloves, microtextured finger tips, Powder free					
Material	nitrile					
Colour	blue					
Fit	ambidextrous					
Length	240 mm					
Width	S	M	L	XL	XXL	
	80 ± 10 mm	95 ± 10 mm	110 ± 10 mm	> 110 mm		
Thickness	Finger: 0.12 mm +/- 5 % Palm: 0.10 mm +/- 5 % Cuff: 0.08 mm +/- 5 %					
Tensile Strength	Before aging:	Median/min 6.0 N				
	After aging:	Median/min 6.0 N				
Elongation	Before aging:	Min. 500.0%				
	After aging:	Min. 400.0%				
Tensile Strength	Before aging:	Min. 14.0 Mpa				
	After aging:	Min. 14.0 Mpa				
Quality Standards	EN 455		CE Cat. III	EN ISO 374-2:2019		
	EN ISO 374-4:2019		EN 16523-1:2015+A1:2018			
	PPE (EU) 2016/425		MDR (EU) 2017/745			
	EN ISO 21420:2020					
			Suitable for all foods			
			EN ISO 374-1:2016+A1:2018 Typ B			
			EN ISO 374-5:2016			
			Medical Device Class I			

EN ISO 374-1:2016-A1:2018	Degradation*	Level*
Sodium hydroxide 40%/K	-18.8	6
Hydrogen peroxide 30%/P	13.3	2
Formaldehyde 37%/T	10.6	4
Packaging	100	Pieces per box
	10	Boxes per carton
packaging dimensions dispenser	Length: 240 mm Width: 120 mm Height: 60 mm	
packaging dimensions carton	Length: 338 mm Width: 250 mm Height: 252 mm	
Pallet factor	Cartons per layer: 10 Layers per pallet: 7	
Shelf life from production date	min 36 months	

* Permeation levels based on penetration time (EN ISO 374-1:2016+A1:2018)

permeation level	1	2	3	4	5	6
penetration time [min]	> 10	> 30	> 60	> 120	> 240	> 480