

# Nulife

Nulife is a global medical disposable solutions company with its footprint in 80+ countries and its headquarters in Mumbai, India.

With a workforce of over 2000 people worldwide, Nulife annually sells more than 300 million medical devices.

# Inflexion

Nulife Inflexion is a global brand of specialty medical disposables which offers international quality and is available in over 80 countries.

Nulife Inflexion is the outcome of an inflection point in the company's journey:

From local standards to global standards.

From making in India to making for the world.

From products that comply with benchmarks to products that set new ones.



## Nulife Inflexion Microsurgery Gloves (Powder-free, Sterile, Latex Surgical Gloves)

### Product Information

Nulife Inflexion Microsurgery Gloves (Powder-free, Sterile, Latex Surgical Gloves) are thinner than normal surgical gloves, making it easy for surgeons to hold wires and medical equipment.

They provide superior feel and natural sensitivity to the fingertips during microsurgery like ophthalmic surgeries.



These gloves are powder-free thus preventing an inflammatory response by the patient's immune system, leading to the formation of fibrous bands and post-operative adhesions during surgery on a patient with powder allergy.

The gloves are also very comfortable for doctors to wear.

Nulife Inflexion gloves are specially packed in SteriSafe pouches thus ensuring high sealing integrity.



### Special Features

- Unique brown colour minimises eyestrain in the operation theatre
- Strong, yet highly sensitive latex barrier is roughened for improved control
- Optimum strength to ensure adequate barrier protection

# TECHNICAL SPECIFICATION SHEET

## Product Information

<b>Product Name</b>	Nulife Inflexion Microsurgery Gloves (Powder-free, Sterile, Latex Surgical Gloves)
<b>Material</b>	Natural Rubber Latex
<b>Colour</b>	Light Brown
<b>Shape</b>	Anatomic
<b>Cuff</b>	Beaded
<b>Design</b>	Hand-specific, micro-rough textured
<b>Type</b>	Powder-free Latex Surgical Gloves
<b>Sterilisation</b>	Ethylene Oxide, Gamma upon request
<b>Labelling</b>	Shall comply with the corresponding labelling specification, customer requirement and ISO EN15223-1: 2021
<b>Shelf Life</b>	5 years from the date of manufacture
<b>Storage Condition</b>	Store in cool, clean & dry condition, away from heat & direct sunlight. Recommended storage condition: 5°C - 40°C
<b>Certifications</b>	CE under EU MDR 2017/745, ISO 13485: 2016
<b>External Surface</b>	Palm-textured
<b>Internal Surface</b>	Powder-free

## Physical Dimension

Size	Minimum Length (mm)		Palm Width (mm)		Minimum Thickness (mm)		
	EN 455-2	MRK	EN 455-2	MRK	Location	ASTM D 3577	MRK
5.5	250	295-300	72±4	72-74	Cuff	0.1	0.120
6	260	295-300	77±5	78-79			
6.5	260	295-300	83±5	83-84			
7	270	295-300	89±5	90-91	Palm	0.1	0.160
7.5	270	295-300	95±5	96-97			
8	270	295-300	102±6	102-103	Finger	0.1	0.190
8.5	280	295-300	108±6	108-109			
9	280	295-300	114±6	114-115			

## Physical Properties

Characteristics	Before Ageing		After Ageing (100±2°C for 22±0.3 h/70°C for 7 days)	
	ASTM D 3577	MRK	ASTM D 3577	MRK
<b>Tensile Strength (MPA)</b>	24 min	24.0 min	18 min	19 min
<b>Ultimate Elongation (%)</b>	750 min	880 min	560 min	820 min
<b>Stress at 500% Elongation (MPA)</b>	5.5 max	3.0 max	N/A	N/A
<b>Force at Break (N)</b>	<b>EN 455-2</b>	<b>MRK</b>	<b>EN 455-2</b>	<b>MRK</b>
	9.0 (min)	11 min	9.0 (min)	10.0 min

<b>Freedom from holes</b>	Inspection Level G1 AQL 0.65
<b>Protein Content</b>	Max. 200 µg/dm <sup>2</sup>
<b>Powder Content</b>	Max. 2 mg/glove
<b>Packaging</b>	6x40 = 240 Pairs
<b>CE-classification</b>	Class II a
<b>Compliances</b>	CE 2460 as per MDR (EU 2017/745), EN 455 parts 1, 2, 3 & 4, ASTM D 3577, IS 13422 ISO 13485, ISO 10282, 510 (K)
<b>Notified Body</b>	DNV Product Assurance AS (2460)

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