



## Technical Sheet

# Sensicare<sup>®</sup> PI Evolution

Sterile Synthetic Polyisoprene formulation Powder-Free Surgical Gloves with Synthetic Polymer Coating

### Reference & Size

MSG9555	MSG9560	MSG9565	MSG9570	MSG9575	MSG9580	MSG9585	MSG9590
5,5	6,0	6,5	7,0	7,5	8,0	8,5	9,0

### Primary Material

Powder-Free Synthetic Polyisoprene formulation with Synthetic Polymer Coating  
0.26 milligrams/glove of powder in accordance with ASTM D6124 and ISO 21171

### Donning Agent

Synthetic Polymer Coating (Inner surface coated for dry and damp hand donning)

### Color

White

### Grip

Smooth

### Former (Mold) Design

Anatomical to replicate curved hand shape and minimize hand fatigue

### Cuff Design

Tapered, beaded cuff design to prevent rolldown

### Chemical Additives (Accelerators)

Zinc Diethyldithiocarbamate (ZDEC) and Zinc Dibutyldithiocarbamate (ZDBC)  
Residual chemical levels below detectable level according to UPB/P/003a test method

### Leachable Protein (per EN455-3 using ASTM D5712 (Modified Lowry Protein Method)

No natural rubber latex proteins and allergens.

### Thickness (per ASTM D3577 $\geq$ 0,10 mm)

Finger Tip	0,23 mm
Palm	0,22 mm
Cuff	0,17 mm

### Cuff Length (per EN455-2 $\geq$ 270 mm size 7.5)

291 mm

### Force @ Break Before Accelerated Aging (per EN455-2 $\geq$ 9 N)

18.3 N

### Force @ Break After Accelerated Aging (per EN455-2 $\geq$ 9 N, 7 days 70°C in an oven)

14.8 N

### Freedom from Holes (per EN 455 AQL 1.5)

0.65 AQL Final Inspection

### Viral Penetration

Tested and passed, in accordance with ASTM F 1671

### Chemical Resistance

The resistance to some chemicals has been assessed in accordance with EN 374-3  
Results and recommendations for use with chemicals can be obtained on request

### Sterilization

Gamma Irradiation, Sterility Assurance Level 10<sup>-6</sup>

### Expiration Date

35 Months from Date of Manufacture  
Manufacture and Expiration Dates are printed on packaging (YYYY-MM format)



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### Packaging

Polyethylene peel pouch material protects product during transport and storage from moisture and ozone and prevents tearing when opening to maintain a sterile environment

Long pack configuration for easier aseptic donning.

50 pairs per dispenser box / 4 boxes per carton / 200 pairs per carton

### Regulations and Quality Standards

Medline manufacturing locations are certified to EN ISO 13485

Product meets requirements of the EU Medical Device Directive (93/42/EEC)

Product meets requirements of European harmonized standards EN 455-1,-2,-3 and -4

### Storage Recommendations

Protect from freezing. Avoid excessive heat. Keep dry. Product should be shielded from direct sunlight, fluorescent lighting, X-rays, moisture and ozone. Do not store in temperatures above 40°C.

### Country of Origin

Malaysia

### Legal Manufacturer

Medline Industries, Inc.

### Manufacturer's Address

Medline Industries, Inc.

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