

Stretchease Gloves have improved!

Thomas Scientific is proud to launch the next generation of Stretchease Gloves under our safeForce™ brand.

We are dedicated to bringing you quality products you can trust to perform in your workflow.

The new and improved Stretchease maintains the flex & stretch fit while adding new features and benefits for better protection.



The Next Generation

What hasn't changed:

- ▶ Nitrile Material
- ▶ Flex & Stretch Fit
- ▶ Periwinkle Blue
- ▶ Textured Fingertips
- ▶ Beaded Cuff
- ▶ 510K Approval for medical use

What's New:

- ▶ Accelerator-Free
- ▶ Approved for use with Chemotherapy Drugs
- ▶ Approved for Use with Fentanyl
- ▶ Elongation 650% (min)
- ▶ Palm Thickness 2.8mil/Fingertip 3.9mil
- ▶ Standardized packaging and units of measure
- ▶ New Part Numbers
- ▶ Additional sizing options up to 2XL

What you can expect during the transition:

- This will occur over the next few months. Each part number will transition at a different time as stock depletes.
- The assistance of your Thomas Scientific professional as you qualify the new product in your process.
- Guarantee of stock can be reserved through your Thomas Account Representative



Customer Change NOTIFICATION

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Former Part	Thomas Part #	Size	Box Qty	Case Qty
1159G03 & 1159G08	1159G03-NI	Extra Small	100/gloves	10 boxes, 1000 Gloves
1159G04 & 1159G09	1159G04-NI	Small	100/gloves	10 boxes, 1000 Gloves
1159G05 & 1159G10	1159G05-NI	Medium	100/gloves	10 boxes, 1000 Gloves
1159G06 & 1159G11	1159G06-NI	Large	100/gloves	10 boxes, 1000 Gloves
1159G07 & 1159G12	1159G07-NI	Extra Large	90/gloves	10 boxes, 900 Gloves
	1159G13-NI	2X-Large	90/gloves	10 boxes, 900 Gloves

Thickness

Point of Thickness Measurements	Single Wall (mm)
Finger (at 15mm from the extreme tip)	0.10 (min.)" - 3.9 mil.
Palm (at center of palm)	0.07 (min.)" - 2.8 mil.

Physical Properties

Criteria	Before Aging	After Aging
Tensile Strength (MPa)	≥ 14	≥ 14
Elongation (%)	650 (min.)	600 (min.)
Force at Break (N)	≥ 6	≥ 6

Quality Assurance

Manufacturing process in compliance with ISO 9001 & ISO 13485 Quality Management System & ISO 14001 Environmental Management System.

Chemical Testing: Permeation testing per ASTM D 6978-05

Test Chemotherapy Drug and Concentration	Minimum Breakthrough Detection Time (Specimen 1/2/3) (Minutes)	Steady State Perm. Rate (Specimen 1/2/3) (µg/cm ² /minute)
Carboplatin, 10 mg/ml (10,000 ppm)	No breakthrough up to 240 min.	N/A
Carmustine (BCNU) 3.3 mg/ml (3,300 ppm)	24.0 (24.3, 24.0, 24.3)	0.4 (0.4, 0.4, 0.5)
Cisplatin 1.0 mg/ml (1,000 ppm)	90 - 100	N/A
Cyclophosphamide (Cytoxan) 20 mg/ml (20,000 ppm)	100 - 110	N/A
Dacarbazine (DTIC) 10.0 mg/ml (10,000 ppm)	110 - 120	N/A
Doxorubicin Hydrochloride 2.0 mg/ml (2,000 ppm)	No breakthrough up to 240 min.	N/A
Etoposide (Toposar) 20.0 mg/ml (20,000 ppm)	No breakthrough up to 240 min.	N/A
Fluorouracil 50.0 mg/ml (50,000 ppm)	No breakthrough up to 240 min.	N/A
Ifosfamide, 50.0 mg/ml (50,000 ppm)	No breakthrough up to 240 min.	N/A
Methotrexate 25 mg/ml (25,000 ppm)	No breakthrough up to 240 min.	N/A
Mitomycin C 0.5 mg/ml (500 ppm)	No breakthrough up to 240 min.	N/A
Mitoxantrone, 2.0 mg/ml (2,000ppm)	No breakthrough up to 240 min.	N/A
Paclitaxel (Taxol) 6.0 mg/ml (6,000 ppm)	No breakthrough up to 240 min.	N/A
Thiotepa 10.0 mg/ml (10,000 ppm)	56.9 (56.9, 67.7, 69.3)	0.2 (0.3, 0.2, 0.2)
Vincristine Sulfate 1.0 mg/ml (1,000 ppm)	No breakthrough up to 240 min.	N/A

Chemical Testing: Permeation testing per ASTM D 6978

Test Drug and Concentration	Minimum Breakthrough Detection Time (Specimen 1/2/3) (Minutes)	Steady State Perm. Rate (Specimen 1/2/3) (µg/cm ² /minute)
Fentanyl Citrate Injection, 100 mcg/2mL	No breakthrough up to 240 min.	N/A

Made in Malaysia

Connect With Us:



ThomasSci.com
833.544.SHIP (7447)
CustomerService@ThomasSci.com

