



## Customer Specification Sol-Vex #37-175

### PRODUCT NOMENCLATURE

Manufacturing Glove Code: #37-175  
Manufacturing Glove Name: Sol-Vex  
Marketing Glove ASPN Code(s): (6)-117272 (7)-117273 (8)-117274 (9)-117275 (10)-117276 (11)-117277

### PRODUCT DESCRIPTION

Product Classification:	<b>Chemical Resistant (Unsupported)</b>	Lining:	<b>Cotton Flock</b>
Exterior Color:	<b>Green</b>		
Former Pattern Style:	<b>Sandpatch</b>	Exterior Finish:	<b>Chlorinated</b>
Coating Composition:	<b>Nitrile</b>	Cuff Finish:	<b>Straight (unpinked)</b>
Available Sizes:	<b>6, 7, 8, 9, 10 and 11</b>	Printing:	<b>Inkjet Black</b>
Packaging:	<b>12 Pairs per inner bag 12 Inner bags per case (144 Pairs)</b>	Length:	<b>12.75 in. (324 mm) Minimum</b>

### OUTSTANDING CHARACTERISTICS & APPLICATIONS

- ◆ Provides excellent snag, puncture, abrasion and cut resistance.
- ◆ Outstanding resistance to a wide range of chemicals, including aromatic solvents, petroleum solvents and animal fats.
- ◆ **APPLICATIONS:** *Chemical Processing, Oil Refining, Petrochemicals, Food Processing (red meat, poultry, vegetables, fruit, dairy and canning), Aerospace and Automotive Degreasing, Automotive Painting and Assembly, Machining Operations, Metal Fabrication, Graphic Arts, Furniture Manufacturing, Electronics (semiconductors & circuit boards)*

### REGULATORY COMPLIANCES

- ◆ Complies with FDA regulation 21 CFR 177.2600 for food contact applications.

### TYPICAL PERFORMANCE VALUES

◆ Thickness	15 ± 2 mils (0.28 ± 0.05 mm)	ASTM D 412
◆ Tensile Strength	> 3000 psi (> 20.7 Mpa)	ASTM D 412
◆ 300% Modulus	2500 psi (17.2 Mpa) Maximum	ASTM D 412
◆ Elongation @ Break	> 400%	ASTM D 412
◆ Abrasion Resistance	Performance Level 4	EN 388, ANSI/ISEA 105-2000
◆ Cut Resistance	Performance Level 0	ANSI/ISEA 105-2000
◆ Cut Resistance	Performance Level 1	EN 388
◆ Puncture Resistance	Performance Level 2	EN 388, ANSI/ISEA 105-2000
◆ Chemical Resistance	Varies by challenge chemical	ASTM F 739, ANSI/ISEA 105-2000

### DEFECTS

DEFINITIONS: **Major Defects** are imperfections which *may result* in the failure of the glove to perform it's intended purpose, cause user discomfort or be cosmetically objectionable. **(AQL- 1.0%)**  
**Minor Defects** may cause user discomfort or be cosmetically objectionable. **(AQL- 2.5%)**

MAJOR DEFECTS: **Holes/Splits/Tears/Thin Spots/No Flock/Porosity**

MINOR DEFECTS: **Blisters/Runs/Lumps/Webs/Stains/Creases/Poor Pinking/Insufficient Flock/Ink Smear**

### GENERAL INFORMATION

**SHELF LIFE:** Five (5) years in cool, covered conditions. Extended exposure to direct sunlight or excessive heat will reduce shelf life and result in fading, discoloration and cracking.

**NOTE:** *This product contains NO natural rubber latex. This product has no silicone-containing components.*

<b>Originator:</b> Paul McMorrow	<b>Date:</b> 02/06/01	
<b>Revised By:</b> Paul McMorrow	<b>Date:</b> 05/25/04	<b>Revision #:</b> 1 (added ANSI/ISEA Performance Levels)
Paul McMorrow	06/15/09	2 (added "no silicone" to "NOTE" section)

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