

## STC595X ESD Nitrile Gloves



Manufactured from high quality Acrylonitrile-Butadiene Rubber (NBR) synthetic co-polymer. Resistance to a wide range of solvent chemicals, excellent sensitivity, superior strength and flexibility. Accelerator free, sulphur free, Itching Free

### 1. Cleanliness

TEST ITEM		SPECIFICATION
Particle Counts(Orbital shaker, 0.5um & larger)		<2500 counts/cm <sup>2</sup>
Traceable Ions	Fluoride (F)	N/A
	Chloride (Cl)	<0.3mg/g
	Nitrite (NO <sub>2</sub> )	N/A
	Bromide (Br)	N/A
	Nitrate (NO <sub>3</sub> )	<0.5mg/g
	Phosphate (PO <sub>4</sub> )	N/A
	Sulfate (SO <sub>4</sub> )	<0.1mg/g
Total Anion		<0.8mg/g
Non-Volatile Residue IPA/Hexane		<20mg/g
FT-IR (Test for major organic contaminants)		No Silicone oil, No Amide & No DOP

(Tested in accordance to Seagate Method—Doc.Number:35344-001 Rev.P)

### 2. Dimensions (Ref Doc: ASTM D3578/D6319)

Glove Size	Palm Width(mm)	Length(mm)	Thickness(mm)
Small(S)	85 + 5	min 290	> 0.06
Medium(M)	95 + 5	min 290	> 0.06
Large(L)	105 + 5	min 290	> 0.06

### 3. Physical Properties (Ref Doc: ASTM D6319/D412)

Strength /Elongation	Before Aging	After Aging
Tensile Strength(MPa)	Min 14	min 14
Ultimate Elongation (%)	Min 500	min 400

*The information contained within this spec sheet is for guidance only.*

*We make no warranties expressed or implied and assume no liability regarding any use of this information.*



**4. ESD Properties** (Ref Seagate Doc: ST1248 Rev. C)

Surface Resistivity(ohms/square)	Maximum 1010
Static Decay(sec)	Maximum 2
Turboelectric charge(volts)	Maximum 20

**5. SEM/EDX Test** (Ref Seagate Doc: 35366-001 Rev. H)

Item	SPECIFICATION
MgSiO (counts/cm <sup>2</sup> )	<80

- 6. Copper Strip Test: No Discoloration
- 7. Quality Assurance: Manufactured under ISO9001:2008 Quality System and ISO14001:2004 Environment System
- 8. Packaging: 100 pieces of gloves per double poly-bags, 10 bags per carton

**Intrastat:** 6210103000

This item is compliant with all requirement and exemption set by the European RoHS 2.0, Directive 2011/65/EU & the European Delegated Directive (EU) 2015/863.

This item is compliant with the related requirements of European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

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