



**SUZUKI  
LATEX**

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Suzuki Latex group is a pioneer of manufacturing latex products with more than 90 years experience.

**Suzuki Latex Industry Malaysia Sdn Bhd** (formerly known as World Technical Rubber Products Sdn Bhd), a subsidiary of Suzuki Latex Industry Co., Ltd. Japan, was established in Malaysia in 1987.



Suzuki Latex Industry Co., Ltd  
(Since 1921)  
[www.suzukilatex.co.jp](http://www.suzukilatex.co.jp)



Suzuki Latex Malaysia Industry Sdn Bhd  
(Since 1987)  
[www.suzukilatex.com.my](http://www.suzukilatex.com.my)



Suzuki Latex Vietnam Co., Ltd  
(Since 2012)

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# SPORE SERIES

## ■ SPORE ORDINARY

Natural Latex Rough Surface Powder Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)		Thickness (mm)	Length (mm)	Type			Shelf Life (Recommended)
S15	M18	0.1 ± 0.02	63 ± 2	Unroll	Cut	Roll	Approximately 12 months

Packaging : 1440pcs x 20bags per carton

## ■ SPORE CLEAN

Natural Latex Rough Surface Ultra Low Powder DI Water Wash Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)		Thickness (mm)	Length (mm)	Type		Shelf Life (Recommended)
S15	M18	0.1 ± 0.02	63 ± 2	Unroll	Cut	Approximately 6 months

Packaging : 1440pcs x 20bags per carton

## ■ SPORE CHLORINATED

Natural Latex Rough Surface Powder Free Chlorination Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)		Thickness (mm)	Length (mm)	Type			Shelf Life (Recommended)
S15	M18	0.1 ± 0.02	63 ± 2	Unroll	Cut	Roll	Approximately 9 months

Packaging : 1440pcs x 20bags per carton

## ■ SPORE PINK ORDINARY

Natural Latex Smooth Surface Powder Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)		Thickness (mm)	Length (mm)	Type	
S15	M18	L21	0.1 ± 0.02	Unroll	Roll

Shelf Life (Recommended)
Approximately 12 months

Packaging : 1440pcs x 20bags per carton

# FINGER STALLS

## ■ MASK ORANGE

Natural Latex
Durable
Rough Surface
Powder
Sulphur Vulcanization
Silicone Oil Free



Internal Diameter (mm)		A20	B18	C15
Thickness (mm)		0.41 (+ 0.05 / - 0.02)	0.39 (+ 0.05 / - 0.02)	0.37 (+ 0.05 / - 0.02)
Length (mm)		50 ± 2	47 ± 2	41 ± 2
Shelf life		Approximately 12 months		
Packaging	Bulk 100 pieces	100pcs x 72 bags per carton	100pcs x 90 bags per carton	100pcs x 108 bags per carton
	Bulk 300 pieces	300pcs x 24 bags per carton	300pcs x 30 bags per carton	300pcs x 36 bags per carton
	Box Packing	10pcs x 10 packets x 50 boxes per carton		

## ■ MASK BLACK

Natural Latex
Durable
Rough Surface
Powder Free
ESD
Chlorination
Sulphur Vulcanization
Silicone Oil Free



Internal Diameter (mm)		A20	B18	C15
Thickness (mm)		0.41 (+ 0.05 / - 0.02)	0.39 (+ 0.05 / - 0.02)	0.37 (+ 0.05 / - 0.02)
Length (mm)		50 ± 2	47 ± 2	41 ± 2
Shelf life		Approximately 12 months		
Surface Resistivity (ASTM D257)		10 <sup>6</sup> ~ 10 <sup>8</sup> Ohm/square		
Packaging	Box Packing	10pcs x 10 packets x 50 boxes per carton		

## ■ SHIELD

Natural Latex
Durable
Rough Surface
Powder
Sulphur Vulcanization
Silicone Oil Free



Internal Diameter (mm)		1-A19	1-B15
Thickness (mm)		0.34 ± 0.02	
Length (mm)		56 ± 2	61 ± 2
Shelf life		Approximately 12 months	
Packaging	Bulk 300 pieces	300pcs x 30 bags per carton	
	Box Packing	10pcs x 10 packets x 50 boxes per carton	

\*\*All the above under Physical Test (ASTM D412) - Elongation: Min 700%, Tensile Strength: Min 25 Mpa

# TYPE OF FINGER COTS

### ■ Unroll type



Beading provides an easy way to wear and remove from fingers

### ■ Cut type



The rim of the cots are cut off to reduce finger fatigues and discomfort

### ■ Roll type



It is pre-rolled, very easy to wear and remove from fingers

# SPORE BLACK SERIES (ESD PROPERTIES)

## ■ SPORE BLACK CLEAN

Natural Latex Rough Surface Ultra Low Powder ESD DI Water Wash Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)			Thickness (mm)	Length (mm)	Type	
S15	M18	L21	0.1 ± 0.02	63 ± 2	Unroll	Roll
Surface Resistance (ANSI/ESD STM11.13)			Surface Resistivity (ASTM D257)		Shelf Life (Recommended)	
1.0 x 10 <sup>5</sup> ~ 3.5 x 10 <sup>7</sup> Ohm			10 <sup>6</sup> ~ 10 <sup>8</sup> Ohms/square		Approximately 3 months	

Packaging : 1440pcs x 20bags per carton

## ■ SPORE BLACK CHLORINATED

Natural Latex Rough Surface Smooth Surface Powder Free ESD Chlorination Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)				Thickness (mm)	Length (mm)	Type		
S15	M18	L21	XL24 (Smooth Surface only)	0.1 ± 0.02	63 ± 2	Unroll	Cut	Roll
Surface Resistance (ANSI/ESD STM11.13)			Surface Resistivity (ASTM D257)		Shelf Life (Recommended)			
1.0 x 10 <sup>5</sup> ~ 3.5 x 10 <sup>7</sup> Ohm			10 <sup>6</sup> ~ 10 <sup>8</sup> Ohms/square		Approximately 9 months			

\*Cut Type only available in Rough surface & Size S only

Packaging : 1440pcs x 20bags per carton

Packaging : 720pcs x 40bags per carton

## ■ SPORE BLACK E9 CHLORINATED

Natural Latex Smooth Surface Powder Free ESD Chlorination Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)			Thickness (mm)	Length (mm)	Type	
S15	M18	L21	0.1 ± 0.02	63 ± 2	Unroll	Roll
Surface Resistivity (ASTM D257)				Shelf Life (Recommended)		
10 <sup>9</sup> Ohms/square				Approximately 9 months		

Packaging : 1440pcs x 20bags per carton

# SPORE PINK CHLORINATED (ESD PROPERTIES)

## ■ SPORE PINK AS CHLORINATED

Natural Latex Smooth Surface Powder Free ESD Chlorination Sulphur Vulcanization Silicone Oil Free



Internal Diameter (mm)				Thickness (mm)	Length (mm)	Type	
S15	SM16.5	M18	L21	0.1 ± 0.02	63 ± 2	Unroll	Roll
Surface Resistivity (ASTM D257)				Shelf Life (Recommended)			
10 <sup>10</sup> ~ 10 <sup>12</sup> Ohms/square				Approximately 9 months			

Packaging : 1440pcs x 20bags per carton

Packaging : 1152pcs x 20bags per carton

\*\*All the above under Physical Test (ASTM D412) - Elongation: Min 700%, Tensile Strength: Min 25 Mpa

# EDEL SERIES

## EDEL

Nitrile Butadiene
Powder Free
Sulphur Free
Chlorine Free
Silicone Oil Free
ESD
Anti-Slip



Internal Diameter (mm)					Thickness (mm)	Length (mm)	Type
XS13.5	S15	SM16.5	M18	L21	0.16 ± 0.03	50 ± 3	Cut
Surface Resistivity (ASTM D257)				Shelf Life (Recommended)		Physical Test (ASTM D412)	
10 <sup>10</sup> ~10 <sup>11</sup> Ohms/square				Approximately 10 months		Elongation	Tensile Strength
						Min 600%	Min 13 Mpa

Packaging : 1000pcs x 5bags per carton

## EDEL II

Nitrile Butadiene
Powder Free
Sulphur Free
Chlorine Free
Silicone Oil Free
ESD
Anti-Slip



Internal Diameter (mm)			Thickness (mm)	Length (mm)	Type	
S15	SM16.5	M18	0.11 ± 0.03	60 ± 3	Roll	
Surface Resistivity (ASTM D257)			Shelf Life (Recommended)		Physical Test (ASTM D412)	
10 <sup>10</sup> ~10 <sup>11</sup> Ohms/square			Approximately 6 months		Elongation	Tensile Strength
					Min 600%	Min 10 Mpa

Packaging : 1000pcs x 20bags per carton

## EDEL EX

Nitrile Butadiene
Powder Free
Sulphur Free
Chlorine Free
Silicone Oil Free
ESD
Anti-Slip



Internal Diameter (mm)				Thickness (mm)	Length (mm)	Type
XS13.5	S15	SM16.5	M18	0.13 ± 0.03	50 ± 3	Cut
Surface Resistivity (ASTM D257)			Shelf Life (Recommended)		Physical Test (ASTM D412)	
10 <sup>10</sup> ~10 <sup>11</sup> Ohms/square			Approximately 10 months		Elongation	Tensile Strength
					Min 600%	Min 13 Mpa

Packaging : 1000pcs x 20bags per carton

# SPORE SULPHUR FREE SERIES

Natural Latex
Smooth Surface
Sulphur Free
Silicone Oil Free
Non-Sulphur Vulcanization



Internal Diameter (mm)	Thickness (mm)	Length (mm)	Type	Shelf Life (Recommended)
S15	0.13 ± 0.02	50 ± 2	Cut	Approximately 9 months

Packaging : 1440pcs x 20bags per carton

\*\*Physical Test (ASTM D412) - Elongation: Min 700%, Tensile Strength: Min 16 Mpa

### Natural Latex

Its name as "latex" or "Natural Rubber Latex". Latex is the stable dispersion of polymer micro particles in an aqueous medium. It is elastic material which obtained from the latex sap of tree (Especially tree of Genera Hevea and Ficus) that can be vulcanized and finished into variety of products.

### Powder

Rubber product is very adhesive, in order to detach from glass mould after dipping process, it is require to add "powder" to prevent adhesion.

Generally example, you may find out powder from inner surface of the balloons.

Please take note in Electronic Industry: Powder may adhere and containinate to your product (Contain Silica).

### Chlorination

### Powder Free

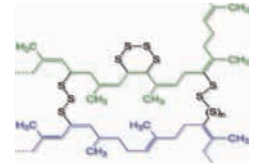
In order to be used in the clean room "powder free finger cots/finger stalls", are require to wash off the powder from the surface of the finger cots/finger stalls, but if is to remove the powder, finger cots/finger stalls itself may causes adhesion. In generally solution, we reduce the adhesion of the surface by reacting the surface of the Finger Cots with "chlorination" wash.

### Nitrile Butadiene

"Synthetic rubber latex" is the raw material derived from petroleum, it is a synthetic rubber copolymer of acrylonitrile (ACN) and butadiene. Synthetic Rubber is tear resistant and most importantly is "Hypoallergenic" which is ideal alternative when latex allergies.

### Sulphur Vulcanization

Vulcanization is a process which involve heating rubber with Sulphur for the polymer by forming cross-links (bridges) between individual polymer chains, where the sulphur acts to retain and improve the rubber elasticity. The Vulcanization process creates the vulcanized rubber which is elastic, can be stretched reversibly and is 10 times stronger and more rigid than natural rubber.



### Chlorine Free

### Powder Free

Suzuki Latex' exclusive of Nitrile Butadiene Rubber Finger Cots (Edel Series) do not require adding powder to detach finger cots from glass mould during the process. Therefore it is non reacting with "Chlorination" wash but it is still accomplished as powder free finger cots.

Finger Cots Functions:	Applications:	Recommended Storage Conditions:
<ul style="list-style-type: none"> <li>To protect fingers of workers</li> <li>To prevent contamination caused by direct contact with fingers</li> <li>Rough surface provides better grip and anti-slip properties</li> <li>Smooth surface provides better solution when slide action is require</li> <li>Low powder content, it is suitable for use in clean room environment</li> </ul>	<ul style="list-style-type: none"> <li>Electronics industries</li> <li>Mechantronics industries</li> <li>Optotronics industries</li> <li>Pharmaceutical industries</li> <li>Household uses</li> </ul>	<ul style="list-style-type: none"> <li>Store indoor at room temperature below 28°C</li> <li>Avoid direct exposure to sunlight or fluorescent light</li> <li>Once open, use immediately</li> </ul>

### BEWARE OF IMITATION PRODUCTS

"Edel" and "Spore" are Suzuki Latex Industry' registered trademark. Please be aware of imitation products with illegally using similar packaging and labelled of the products.