Micro Contamination Control
@CLEANROOM
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DOU YEE ENTERPRISES is a world renowned total solution provider for electronics industries. With ISO9001 and ISO14001 certified manufacturing plants in Singapore, Malaysia, China and France; 42 offices in the world. It serves its worldwide customers with the philosophy of “Global Capability, Local Focus”.

It has leading position in Electrostatic Control, Micro-Contamination Control and Dry-Packaging.

STREAM OF PRODUCTS & SERVICES

- Micro Contamination Control
- Electrostatic Discharge Control
- Dry Packaging / Electronic Packaging Materials
- Electronic Equipment and Tools
- Bio Medical
- Chemicals for Electronics Industry
- Personal Protective Equipment
- Nano Composite Materials
Cleanroom is a facility in which the air supply, air distribution, filtration of air supply, material of construction, and operating procedures are regulated to control airborne particle concentration to meet appropriate cleanliness levels defined by ISO 14644 (Formerly Federal Standard 209E).

### CLEANROOM CLASSES – STANDARD COMPARISON

<table>
<thead>
<tr>
<th>ISO Classification Number</th>
<th>Maximum concentration limits (particles/m³ of air) for particles equal to and larger than sizers shown below</th>
<th>≈ Fed. Std 209E</th>
<th>≈ Fed. Std 209D</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>0.1 µm 0.2 µm 0.3 µm 0.5 µm 1.0 µm 5.0 µm</td>
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<td>ISO Class 1</td>
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<td>ISO Class 3</td>
<td>1,000 237 102 35 8</td>
<td>M1.5 Class 1</td>
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<td>ISO Class 4</td>
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<tr>
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<tr>
<td>ISO Class 6</td>
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<tr>
<td>ISO Class 7</td>
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<td>ISO Class 8</td>
<td>3,520,000 832,000 29,300</td>
<td>M6.5 Class 100,000</td>
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<tr>
<td>ISO Class 9</td>
<td>35,200,000 8,320,000 293,000</td>
<td>M7.5</td>
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</table>

### CONTROLED MANUFACTURED AREAS

<table>
<thead>
<tr>
<th>Classification</th>
<th>Typical Applications</th>
</tr>
</thead>
</table>
| Controlled Environments | Pharmaceuticals
| | Research Laboratories
| | Food Grade Equipment
| Class 100,000 to 10,000 | Printed Circuit Boards
| | Precision Metering Equipment
| | Pharmaceutical Fluids
| Class 10,000 to 1,000 | Electronic Components
| | Medical Devices
| | Floppy Disks
| Class 100 to 10 | Optics
| | Disk Drives
| | Semiconductor Networks
| Class 10 to 1 | Semiconductor Fabrication
| | Thin Film Manipulation
| | Flat Panel Displays
Types and Sources of Contamination

- Equipment
- Environment
- People
- Chemicals

**Types of Contamination**

- Nonvolatile Residue
- Visible Particles
- Ions
- ESD
- Submicron Particles
- Adsorbed Molecules
- Micro-organisms
- Visible Particles
- Metals
- Fibers
- Submicron Particles
- Volatile Organic Contaminants
- Airborne Molecular Contaminants

**Sources of Contamination**

- Process, Incoming Parts, Materials, etc.
## Microlite Wipe

- 100% polyester.
- Economical choice of polyester wipes.
- Lint free.

**Product code** | **Size** | **Packing**  
--- | --- | ---  
DYC100-01-DYCLEAN-MICROLITE-44 | 4” X 4” | 600pcs/10pkts/ctn  
DYC100-01-DYCLEAN-MICROLITE-99 | 9” X 9” | 150pcs/10pkts/ctn

## Micro Denier Wipe (Heavy Duty)

- Made of micro-thin fibers with highest degree of cleanliness.
- Superior moisture and oil absorbency.
- Non-abrasive.

**Product code** | **Size** | **Packing**  
--- | --- | ---  
DYC100-01-DYCLEAN-MICRO-DENIER-HD-44 | 4” X 4” | 400pcs/10pkts/ctn  
DYC100-01-DYCLEAN-MICRO-DENIER-HD-99 | 9” X 9” | 100pcs/10pkts/ctn

## MicroWhite SD Wipe

- 100% polyester.
- Low extractable particles and metallic ions contaminants.
- Laundered by D.I. water.

**Product code** | **Size** | **Packing**  
--- | --- | ---  
DYC100-01-DYCLEAN-MICROWHITE-SD-44 | 4” X 4” | 600pcs/10pkts/ctn  
DYC100-01-DYCLEAN-MICROWHITE-SD-99 | 9” X 9” | 150pcs/10pkts/ctn
Non-Woven Micro Denier
- Made of continuous filament microfiber non-woven material, 80gsm.
- Economical choice of Micro Denier.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC100-01-CLEANZE-NW-MICRO-FIBER-99</td>
<td>9&quot; X 9&quot;</td>
<td>100pcs/10pkts/ctn</td>
</tr>
</tbody>
</table>

ESD Wipe
- Knitted with carbon fiber.
- Superb for ESD-sensitive applications.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC100-01-DYCLEAN-ESD-44</td>
<td>4&quot; X 4&quot;</td>
<td>300pcs/10pkts/ctn</td>
</tr>
<tr>
<td>DYC100-01-DYCLEAN-ESD-99</td>
<td>9&quot; X 9&quot;</td>
<td>150pcs/10pkts/ctn</td>
</tr>
</tbody>
</table>

PolyCell Wipe
- Woodpulp added to polyester foundation.
- Long fibers providing excellent absorbency.
- Minimal extractable and ionic contaminants
- Low static.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>DYC100-01-CLEANZE-EN-PCELL-44</td>
<td>4&quot; X 4&quot;</td>
<td>1200pcs/10pkts/ctn</td>
</tr>
<tr>
<td>DYC100-01-CLEANZE-EN-PCELL-99</td>
<td>9&quot; X 9&quot;</td>
<td>300pcs/10pkts/ctn</td>
</tr>
</tbody>
</table>

Non-woven Wipe
- Economic low lint wipes.
- Good water and oil absorbency.

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<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC100-01-CLEANZE-NW-2525</td>
<td>25&quot; X 25&quot;</td>
<td>100pcs/30pkts/ctn</td>
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</tbody>
</table>

Polka Dot Wipe
- Tough and durable.
- Easily absorbs oil and most solvents.
- Made of Polypropylene fibers which are highly chemical resistant.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC100-01-CLEANZE-POLKA-DOT-2930</td>
<td>29&quot; X 30&quot;</td>
<td>50pcs/10pkts/ctn</td>
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</tbody>
</table>

Magix SuperSorb Wipe
- Developed specially for wet cleaning application in the controlled environment.
- Super absorbent and hold water or liquid up to 18 times its own weight.
- Lint-free construction and resist shedding of particles due to abrasion.
- High density structure properties make it ideal for particle sensitive cleaning operations.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC100-02-MAGIXSORB-230X230X2MM</td>
<td>9&quot; X 9&quot;</td>
<td>10pcs/20pkts/ctn</td>
</tr>
</tbody>
</table>
## Cotton Swab

<table>
<thead>
<tr>
<th>Product code</th>
<th>Description</th>
<th>Tip Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYCI10-02-3-PA-CTRHB2</td>
<td>2 headed, 3&quot; paper stem</td>
<td>Ø 4.7 mm</td>
</tr>
<tr>
<td>DYCI10-02-3-W-RHB</td>
<td>2 headed, 3&quot; wooden stem</td>
<td>Ø 4.7 mm</td>
</tr>
<tr>
<td>DYCI10-02-3-PA-TRHB</td>
<td>2 headed, 3&quot; paper stem</td>
<td>Ø 4.7 mm</td>
</tr>
<tr>
<td>DYCI10-02-3-PA-RHB</td>
<td>2 headed, 3&quot; paper stem</td>
<td>Ø 3.6 mm</td>
</tr>
<tr>
<td>DYCI10-02-3-PA-SHB-WOB</td>
<td>2 headed, 3&quot; paper stem</td>
<td>Ø 2.7 mm</td>
</tr>
<tr>
<td>DYCI10-02-3-PA-VSHB</td>
<td>2 headed, 3&quot; paper stem</td>
<td>Ø 2.8 mm</td>
</tr>
<tr>
<td>DYCI10-02-6-PA-TRHB</td>
<td>1 headed, 6&quot; paper stem</td>
<td>Ø 4.7 mm</td>
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</tbody>
</table>

## Foam/Polyester Swab

<table>
<thead>
<tr>
<th>Product code</th>
<th>Description</th>
<th>Length</th>
<th>Tip Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYCI10-08-132MM-708FS-FOAM</td>
<td>Foam</td>
<td>132mm</td>
<td>26 x 8 x 21</td>
</tr>
<tr>
<td>DYCI10-08-131MM-707FS-FOAM</td>
<td>Foam</td>
<td>131mm</td>
<td>25 x 8 x 16</td>
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<tr>
<td>DYCI10-08-126MM-712FS-FOAM</td>
<td>Foam</td>
<td>126mm</td>
<td>25 x 7 x 11</td>
</tr>
<tr>
<td>DYCI10-08-128MM-714PS</td>
<td>Polyester</td>
<td>128mm</td>
<td>24 x 3 x 13</td>
</tr>
<tr>
<td>DYCI10-08-70MM-743PS</td>
<td>Polyester</td>
<td>70mm</td>
<td>12 x 3.6 x 4</td>
</tr>
<tr>
<td>DYCI10-08-70MM-758LPS</td>
<td>HD Polyester</td>
<td>70mm</td>
<td>10 x 2.2 x 3.2</td>
</tr>
<tr>
<td>DYCI10-08-71MM-742FS-FOAM</td>
<td>Foam</td>
<td>71mm</td>
<td>12 x 3.5 x 3.6</td>
</tr>
<tr>
<td>DYCI10-08-76MM-750FS-FOAM</td>
<td>Foam</td>
<td>76mm</td>
<td>10 x 3.2 x 3.2</td>
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<tr>
<td>DYCI10-08-163MM-740FS-FOAM</td>
<td>Foam</td>
<td>163mm</td>
<td>18 x 5 x 6.8</td>
</tr>
<tr>
<td>DYCI10-08-164MM-761PS</td>
<td>Polyester</td>
<td>164mm</td>
<td>18 x 5 x 6.8</td>
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</table>

## Micro-Stick
- The head is made from micro-porous polyurethane foam and attached to a strong polypropylene stem mechanically without adhesive
- Extremely soft with ultra-low particle generation
- PP stem reusable and heads replaceable with spares

<table>
<thead>
<tr>
<th>Product code</th>
<th>Packing</th>
<th>Tip Diameter</th>
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<tbody>
<tr>
<td>DYCI10-01-F5</td>
<td>100pcs / 40bags/ctn</td>
<td>Ø 5</td>
</tr>
<tr>
<td>DYCI10-01-F8</td>
<td>100pcs / 24bags/ctn</td>
<td>Ø 8</td>
</tr>
<tr>
<td>DYCI10-01-S5</td>
<td>100pcs / 40bags/ctn</td>
<td>Ø 5</td>
</tr>
<tr>
<td>DYCI10-01-S8</td>
<td>100pcs / 24bags/ctn</td>
<td>Ø 8</td>
</tr>
<tr>
<td>DYCI10-01-S3</td>
<td>200pcs / 40bags/ctn</td>
<td>Ø 3</td>
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</tbody>
</table>
Hairnet, Non-woven, 12G

- Made from spun bonded non-woven, thermally sealed waffle pattern PP
- Anti-fraying

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>DYC300-01-HAIRNET/BAG-DYCLEAN-12G</td>
<td>Flat</td>
<td>100pcs/10bags/ctn</td>
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<tr>
<td>DYC300-01-PLEATED-HAIRNET-DYCLEAN-12G</td>
<td>Pleated</td>
<td>100pcs/10pkts/ctn</td>
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</table>

Non-woven Facemask

<table>
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<tr>
<th>Product code</th>
<th>Description</th>
<th>Packing</th>
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<tbody>
<tr>
<td>DYC600-HH-03-R-PL-HL-DYCLEAN</td>
<td>3 ply, Head loop</td>
<td>50pcs/40pkts/ctn</td>
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<tr>
<td>DYC600-03-TO-DYCLEAN</td>
<td>3 ply, Tie on</td>
<td>50pcs/40pkts/ctn</td>
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<tr>
<td>DYC600-5F-CARBON MASK-4</td>
<td>4 ply, Carbon</td>
<td>50pcs/40boxes/ctn</td>
</tr>
<tr>
<td>DYC601-2P-PT20W-180NMNW-MT-2000</td>
<td>2 ply</td>
<td>50pcs/40pkts/ctn</td>
</tr>
<tr>
<td>DYC601-3P-PT20W-MB-180NMNW-MT-2000</td>
<td>3 ply (filtered), 180mm</td>
<td>50pcs/40pkts/ctn</td>
</tr>
<tr>
<td>DYC601-2P-CLEANZE-EL-SMOOTH</td>
<td>2-ply smooth fabric</td>
<td>50 pcs / 40 pkts / ctn</td>
</tr>
<tr>
<td>DYC601-3P-CLEANZE-EL-SMOOTH</td>
<td>3-ply smooth fabric</td>
<td>50 pcs / 40 pkts / ctn</td>
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</table>

Shoe Cover

<table>
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<th>Product code</th>
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<tr>
<td>DYC300-10-1541-DSC-DYCLEAN-HD</td>
<td>CPE, 16”</td>
<td>100pcs/20bags/ctn</td>
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<tr>
<td>DYC300-10-NW-SC-BL-DYCLEAN-40G</td>
<td>Non-woven</td>
<td>100pcs/10bags/ctn</td>
</tr>
<tr>
<td>DYC300-10-1646-A/SLIP-NW-SC-BL-40G</td>
<td>Anti-slip, Non-woven, 18”, Blue</td>
<td>100pcs/10bags/ctn</td>
</tr>
<tr>
<td>DYC300-10-NW-SC-CONDSTRIP-FILM-BL</td>
<td>Non-woven, Conductive strip, Blue</td>
<td>100pcs/10pkts/ctn</td>
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</tbody>
</table>
PVC Glove

- Powder-free
- Low ion contamination
- Anti-static
- Ideal for microelectronics process

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>DYC200-01-9-CLEANZE-EN-S/M/L</td>
<td>9”/S,M,L</td>
<td>100pcs/10pkts/ctn</td>
</tr>
<tr>
<td>DYC200-01-12-CLEANZE-EN-S/M/L</td>
<td>12”/S,M,L</td>
<td>100pcs/10pkts/ctn</td>
</tr>
</tbody>
</table>

Latex Glove (Textured)

- Highly resistant to low concentration acid and alkalis, abrasion and tearing.
- Suitable for Class 100 or higher.
- Ideal for Cleanroom, disk-drive and related industries (HGA, HSA, etc.)

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
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<tr>
<td>DYC200-02-N-9-T-S/M/L</td>
<td>9”/S,M,L</td>
<td>100pcs/10pkts/ctn</td>
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<tr>
<td>DYC200-02-12-CLEANZE-T-S/M/L</td>
<td>12”/S,M,L</td>
<td>100pcs/10pkts/ctn</td>
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</tbody>
</table>

Nitrile Glove (Finger textured)

- Eliminates risk of latex allergy reaction
- Better chemical and abrasion resistance than latex gloves
- Low odour

<table>
<thead>
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<th>Product code</th>
<th>Size</th>
<th>Packing</th>
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<tbody>
<tr>
<td>DYC200--93-01-9-CLEANZE-FT-S/M/L</td>
<td>9”/S,M,L</td>
<td>100pcs/10pkts/ctn</td>
</tr>
<tr>
<td>DYC200--93-01-12-CLEANZE-FT-S/M/L</td>
<td>12”/S,M,L</td>
<td>100pcs/10pkts/ctn</td>
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</tbody>
</table>

Nylon Tricot Glove

- 100% Nylon
- Soft and smooth
- Lint free

<table>
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<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC200-99-NT-S/M/L</td>
<td>S,M,L</td>
<td>12pcs/50doz/ctn</td>
</tr>
</tbody>
</table>
### Anti-Static Lint Free Glove
- 100% polyester
- Made with continuous less-linting filament knitted with carbon fibre

<table>
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<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC200-99-S/M/L</td>
<td>S,M,L</td>
<td>12prs/50doz/ctn</td>
</tr>
</tbody>
</table>

### Conductive Glove with PVC dots on palm
- 100% polyester
- Anti-Static and lint free
- PVC dots on palm for better grip

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>DYC200-99-PVC-S/M/L</td>
<td>S,M,L</td>
<td>12prs/50doz/ctn</td>
</tr>
</tbody>
</table>

### Conductive Glove (Palm fit / Top fit)
- Easily absorbs oil and most solvents
- Made of Polypropylene fibres which are highly chemical resistant

<table>
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<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC200-PU-COND-PF-DYCLEAN</td>
<td>S/M/L</td>
<td>10prs/25pkts/ctn</td>
</tr>
<tr>
<td>DYC200-PU-COND-TF-DYCLEAN</td>
<td>S/M/L</td>
<td>10prs/25pkts/ctn</td>
</tr>
</tbody>
</table>

### Glove (Palm fit / Top fit)
- 100% Nylon
- Soft and smooth
- Lint free

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</thead>
<tbody>
<tr>
<td>DYC200-99-NT-S/M/L</td>
<td>S,M,L</td>
<td>12pcs/50doz/ctn</td>
</tr>
</tbody>
</table>
Disposable Sticky Mat (Disposable), 30 Layers

- Removes contamination on shoes heels, soles and wheels

<table>
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<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC410-01-CLEANZE-BL-2436-10</td>
<td>Blue, 24” X 36”</td>
<td>30sheets/10mats/ctn</td>
</tr>
<tr>
<td>DYC410-01-CLEANZE-BL-2645-10</td>
<td>Blue, 26” X 45”</td>
<td>30sheets/10mats/ctn</td>
</tr>
<tr>
<td>DYC410-01-CLEANZE-WH-2436-10</td>
<td>White, 24” X 36”</td>
<td>30sheets/10mats/ctn</td>
</tr>
<tr>
<td>DYC410-01-CLEANZE-WH-2645-10</td>
<td>White, 26” X 45”</td>
<td>30sheets/10mats/ctn</td>
</tr>
</tbody>
</table>

Sticky Roller

- Tacky tape made from LDPE which is cushiony and guarantees noise-free entrapment of dust, dirt and lint.
- Perforated tape to ensure easy tear-off
- Roller tape is easy to replace.
- Colours: White and Clear
- Available in ESD version.

<table>
<thead>
<tr>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>80/100mm</td>
<td>200rolls/ctn</td>
</tr>
<tr>
<td>160/200mm</td>
<td>100rolls/ctn</td>
</tr>
<tr>
<td>300mm</td>
<td>50rolls/ctn</td>
</tr>
</tbody>
</table>
Cleanroom Tape

- Suitable for cleanroom use
- Available in multiple sizes
- 3 types with classification as below:

<table>
<thead>
<tr>
<th>Product code</th>
<th>Description</th>
<th>Length</th>
<th>Width</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>DYC510-TK-CL500-WidthX50m</td>
<td>Antistatic Cellulose</td>
<td>50m</td>
<td>12.7, 19, 25mm</td>
<td>100 rolls/ctn</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50, 75mm</td>
<td>50 rolls/ctn</td>
</tr>
<tr>
<td>DYC510-TK-HCPAS174-WidthX33m</td>
<td>Antistatic Vinyl Tape with ESD logo</td>
<td>33m</td>
<td>12.7, 19, 25mm</td>
<td>60 rolls/ctn</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50, 75mm</td>
<td>30 rolls/ctn</td>
</tr>
<tr>
<td>DYC510-TK-YT130AS-WidthX33m</td>
<td>ESD Polyimide Tape</td>
<td>33m</td>
<td>9, 12.7, 16, 19, 25mm</td>
<td>60 rolls/ctn</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50.8, 75mm</td>
<td>30 rolls/ctn</td>
</tr>
</tbody>
</table>

Cleanroom Paper

- Dimensionally stable and compatible in both wet and dry copy system.
- Available in White, Blue, Yellow, Green, Pink, Orange, Violet and Light Orange.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC500-10-WJ-Colour</td>
<td>A5 - 210mm x 148mm</td>
<td>250 sheets/kt</td>
</tr>
<tr>
<td></td>
<td>A4 - 210mm x 297mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A3 - 420mm x 297mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Letter Size - 216mm x 279mm</td>
<td></td>
</tr>
</tbody>
</table>
FINGER COT

Discovery of rubber and vulcanization:
The word “Rubber” was named by Joseph Priestly, a Chemist in England in 1770, after he accidentally rubbed of pencil marks with coagulated rubber. Natural Rubber (Latex) biggest breakthrough was through the Vulcanization process, which was discovered by Charles Goodyear in 1839. Vulcanization is a process which involves heating rubber with Sulphur, where the sulphur acts to retain and improve the rubber elasticity.

Vulcanization
Sulfide (Vulcanization) refers to a rubber material by intermolecular crosslinking raw rubber, which involved adding sulfur and heated sulfur retention and enhancing the role of the elasticity of rubber, vulcanized rubber properties is a process for improvement in this process, the linear structure of the macromolecules to generate a three-dimensional crosslinked network structure of the molecule, stable three-dimensional structure of the molecule, so that the rubber elasticity and strength properties, and many have been enhanced, is 10 times more than natural rubber.

Why is there powder in natural rubber finger cot?
Natural Rubber finger cots usually contain powder as natural rubber is very sticky. Talcum powder is thus added to prevent the cots from sticking together.

Chlorination Process:
Chlorination is required when high level of cleanliness is required for the finger cots. It eliminates any extra powder on the surface of the finger cots. However, to note that it increases occurrence of oxidation and corrosion against metallic content material during assembly.

Powder-Free Finger Cot
- Designed to provide sensitive touch for work in electronics and other fields
- A proprietary “washed” process leaves no free radical reactive sites and low NVR
- Tapered design eliminates air space at tip
- Packed in a controlled environment

<table>
<thead>
<tr>
<th>Product code</th>
<th>Type</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC800 02-06-CLEANZE-WHITE</td>
<td>Rolled</td>
<td>ML</td>
<td>1440pcs/20bags/ctn</td>
</tr>
</tbody>
</table>
Antistatic Low Powder Finger Cot, Pink

- Surface resistivity of 10^9 – 10^{11} ohm/sq
- Special washing process to reduce ionic, non-volatile resistance, particles and other contaminants

<table>
<thead>
<tr>
<th>Product code</th>
<th>Type</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC800-01-PINK-AS-S/M/L</td>
<td>Rolled</td>
<td>S, M, L</td>
<td>1440pcs/20bags/ctn</td>
</tr>
</tbody>
</table>

Nitrile Finger Cot

- Static dissipative
- Chlorine and sulphur free
- Special washing process to reduce ionic, non-volatile resistance, particles and other contaminants

<table>
<thead>
<tr>
<th>Product code</th>
<th>Type</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC800-01-CLEANZE-EDELEX-UR-S/M/L</td>
<td>Unrolled</td>
<td>S, M, L</td>
<td>1000pcs/20bags/ctn</td>
</tr>
<tr>
<td>DYC800-01-CLEANZE-EDELII-ROLLED-S/M/L</td>
<td>Rolled</td>
<td>S, M, L</td>
<td>1000pcs/20bags/ctn</td>
</tr>
</tbody>
</table>

Orange Finger Cot

- Low powder and heavy duty
- Reusable
- Cleanroom compatible
- Textured surface for good grip

<table>
<thead>
<tr>
<th>Product code</th>
<th>Type</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC800-01-CLEANZE-MASK-OR-TH-S</td>
<td>Unrolled</td>
<td>S</td>
<td>300pcs/36bags/ctn</td>
</tr>
<tr>
<td>DYC800-01-CLEANZE-MASK-OR-TH-M</td>
<td>Unrolled</td>
<td>M</td>
<td>300pcs/30bags/ctn</td>
</tr>
<tr>
<td>DYC800-01-CLEANZE-MASK-OR-TH-L</td>
<td>Unrolled</td>
<td>L</td>
<td>300pcs/24bags/ctn</td>
</tr>
</tbody>
</table>

Spore Black E9, Smooth Surface, Rolled

- Surface resistivity of 10^9 Ohm/square
- Conductive agents are blended with latex to provide consistent ESD performance.
- Anti-static function for ESD sensitive components
- Special washing process to reduce ionic, non-volatile resistance, particles and other contaminants

<table>
<thead>
<tr>
<th>Product code</th>
<th>Type</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC800-SB-R-E9-S/M/L</td>
<td>Rolled</td>
<td>M, L</td>
<td>1440pcs/20bags/ctn</td>
</tr>
</tbody>
</table>

Spore Sulphur Free, Smooth surface, Cut

- Sulphur Free.
- Prevents contamination by sulphur on metal surfaces
- 100% pure natural rubber latex

<table>
<thead>
<tr>
<th>Product code</th>
<th>Type</th>
<th>Size</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC800-SS-C-S</td>
<td>Cut</td>
<td>S</td>
<td>1440pcs/20bags/ctn</td>
</tr>
</tbody>
</table>
Conductive Plastic Tweezer

- Heat resistance up to 150 °C
- Scratch free
- ESD Safe
- High acid and alkali resistance

**Product code** | **Packing**
--- | ---
DYC900-02-NK3A | 10pcs/pkt
DYC900-02-NK6 | 10pcs/pkt
DYC900-02-NK2A | 10pcs/pkt
DYC900-02-NK7 | 10pcs/pkt
DYC900-02-NKR | 10pcs/pkt

Composite Tweezer

- Aluminium body with replaceable ceramic tips
- Heat resistance, non-magnetic body with static dissipative tip
- Ideal for electronic equipment, semiconductors bionics and superconductivity-related equipment

**Product code** | **Description**
--- | ---
DYC900-CTW-ESDTO2 | Composite tweezer with tip
DYC900-CTW-ESDTO2-TIP | Replaceable tip only

Premium Tweezer

- Stainless Steel
- ESD Safe
- High Heat and wear resistance

**Product code** | **Packing**
--- | ---
DYC900-08-EN-00 | 10pcs/pkt
DYC900-08-EN-2A | 10pcs/pkt
DYC900-08-EN-3C | 10pcs/pkt
DYC900-08-EN-AA | 10pcs/pkt
DYC900-08-EN-SS | 10pcs/pkt

Wafer Tweezer

**Product code** | **Description**
--- | ---
DYC900-SP-600W-SA | For up to 6” wafers with 6 prongs
DYC900-SP-T5508W-SA | For up to 8” wafers with Anti-fatigue level
DYC900-SP-500W-SA | For up to 5” wafers with 5 prongs
DYC900-SP-600A-SA | For up to 6” wafers
DYC900-SP-800A-SA | For up to 8” wafers
The use of clean organic materials, patented vacuum tip design and true ESD protection provides a unique system with the highest levels of cleanliness and safety. All parts of Vacuum Handling System are interchangeable. They can be configured or upgraded to meet the specific end-user requirements.

- Manual solution for single wafer handling
- True ESD protection
- High impedance range (SD)
- Manufactured from clean organic materials
- Unique surface treatment provides roughness (0.3 µm)
- Optical polishing of vacuum surface
- Vacuum wand normally open
- Patented raised vacuum surface to minimize contact
- Patented support ribs prevent wafer deformation
- Reinforced vacuum tube prevents vacuum loss

<table>
<thead>
<tr>
<th>Product code</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>DYC950-02-EI14 EP-0</td>
<td>Peek tip for up to 5” wafers</td>
<td>PEEK + CF</td>
</tr>
<tr>
<td>DYC950-02-EI14 EP-30</td>
<td>Peek tip for up to 5” wafers, Ext 30 degree</td>
<td>PEEK + CF</td>
</tr>
<tr>
<td>DYC950-02-EI30 EP-0</td>
<td>Peek tip for up to 8” wafers</td>
<td>PEEK + CF</td>
</tr>
<tr>
<td>DYC950-02-EI30 EP-30</td>
<td>Peek tip for up to 8” wafers, , Ext 30 degree</td>
<td>PEEK + CF</td>
</tr>
<tr>
<td>DYC950-02-EI50 EP-0</td>
<td>Peek tip for up to 12” wafers</td>
<td>PEEK + CF</td>
</tr>
<tr>
<td>DYC950-02-SPCV</td>
<td>Vertical Wand Stand</td>
<td>PVDF</td>
</tr>
<tr>
<td>DYC950-02-VSNO-SD</td>
<td>Normally Open Wand</td>
<td>PVDF + CF</td>
</tr>
<tr>
<td>DYC950-02-CTS-SD-1/4SD</td>
<td>Coiled Vacuum Tube, ESD</td>
<td>Polyurethane</td>
</tr>
</tbody>
</table>
OTHER PRODUCTS

High Temp & Chemical Gloves  Gordon Brushes

PVA Products  Anti-con Wipes  Bemcot Wipes

Handlaps  Stationeries

Protective Equipment

Vacuum Handling Tools  Pen -VAC  Tyvek Products
OTHER PRODUCTS

Multi-Functional Air Quality Meters

Aerosol & Particle Counters

Trolleys & Shelving

Vacuum Cleaners

Dry Cabinets

Facilities

Chairs

Wafer Transfer & Storage Machines

Others
DOU YEE ENTERPRISES GLOBAL NETWORK

OVERSEAS OFFICES

MALAYSIA
Johor Bahru
Tel: +607 556 6284 / 558 6285
Email: jhsales1@douyee.com.my

Malacca
Tel: +606 390 4824
Email: pmgsales1@douyee.com.my

Kuala Lumpur
Tel: +603 5121 1613 / 14
Email: dyy@douyee.com.my

Penang
Tel: +604 390 4824
Email: pmgsales1@douyee.com.my

Ipoh
Tel: +605 2911853
Email: ihrsauy@douyee.com.my

Sarawak
Tel: +082 262518
Email: dennis.ngu@douyee.com.my

PHILIPPINES
Manila
Tel: +63 2 8807 4683 / 84 / 85
Email: easy.cunanan@douyee.com.ph

Cebu
Tel: +63 32 341 1577
Email: phsales3@douyee.com.ph

INDONESIA
Jakarta
Tel: +6221 8990 1153
Email: pt@douyee.com.sg

Batam
Tel: +65 7061 2490
Email: btm@douyee.com.sg

CHINA
Shanghai
Tel: +86 21 5899 4619
Email: dysh@douyee.com.cn

Suzhou
Tel: +86 512 6258 5066
Email: ongcc@douyee.com.cn

Beijing
Tel: +86 10 8368 6931
Email: dybj@douyee.com.cn

Dalian
Tel: +86 411 8377 9193
Email: dyd@douyee.com.cn

Chengdu
Tel: +86 28 8501 7691
Email: dydc@douyee.com.cn

Xi’an
Tel: +86 29 8842 7085
Email: dyx@douyee.com.cn

Shenzhen
Tel: +86 755 8389 0255
Email: dyzs@douyee.com.cn

Nanjing
Tel: +86 2558826689
Email: cs-nj@douyee.com.cn

Xiamen
Tel: +86 153 661 35092
Email: xm@douyee.com.cn

Taiwan, Taipei
Tel: +886 2 271 5151
Email: deam@douyee.com.tw

Taiwan, HsinChu
Tel: +886 3 5670698
Email: deam@douyee.com.tw

SOUTH KOREA
Incheon
Tel: +82 10 26984161
Email: leegg@douyee.com.co

UNITED STATES
Exeter
Tel: +44 (0) 159 235 7548
Email: info.uk@eurostatgroup.com

FRANCE
Toulouse
Tel: +33 5 61 16 20 50
Email: info.fr@eurostatgroup.com

NETHERLANDS - BENELUX
Geldrop
Tel: +31 (0) 886 363 555
Email: info.nl@eurostatgroup.com

NORWAY
Horten
Tel: +47 39323017
Email: info.no@eurostatgroup.com

AUSTRIA
Wien
Tel: +43 (664) 396 1724
Email: info.ch@eurostatgroup.com

SWEDEN - NORDICS
Handen
Tel: +46 (0) 10 690 06 20
Email: info.se@eurostatgroup.com

LATVIA
Riga
Tel: +371 203 92 777
Email: info.baltic@eurostatgroup.com

POLAND
Dlugoleka
Tel: +48 71 750 04 80
Email: info.pl@eurostatgroup.com

CZECH REPUBLIC & SLOVAKIA
Brno
Tel: +420 724 317 455
Email: sales-sk-cz@eurostatgroup.com

HUNGARY - ROMANIA
Budapest
Tel: +36 70 609 4216
Email: info.hu@eurostatgroup.com

GERMANY
Hipheim
Tel: +49 (0) 067 07 13 36 32
Email: a.frechard@eurostatgroup.com

HONG KONG SAR, CHINA
Exeter
Tel: +44 (0) 159 235 7548
Email: info.uk@eurostatgroup.com

SINGAPORE
Head Office
More than 42 offices in the world

HEAD OFFICE
SINGAPORE
2304 Bedok Reservoir Road, Bedok Industrial Park C, Singapore 479223
Tel: (65) 6444 2678 | Fax: (65) 6743 7172 | Email: s4_marketing@douyee.com.sg

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