



Micro Contamination Control
@ CLEAN ROOM

Corporate Highlights

Dou Yee established in 1982, is a premier one stop industrial solution provider, serving the semiconductor, data storage, electronics, medical and automotive industries. The Group has a team of highly skilled management and subsidiaries to focus on new products and vertical integration on supplier chain.

DYI Group Revenue : S\$ 300 Millions

DYI Total Employees Worldwide : More than 3000

Manufacturing Plants

(Strategically located to be close to business partners and maintain competitive advantage)



Singapore HQ



Dou Yee Technologies



Dou Yee Manufacturing



C-Pak Cergas



Dou Yee Suzhou



Eurostat, France



Flexd, Japan

ISO9001:2008 certified, ISO14001:2004 certified



Certificate SG96/07721



Certificate SG02/54422

Content

| | | | |
|--|-----------|---|-----------|
| Corporate Highlights | 2 | Sticky Roller | 13 |
| Introduction | 4 | Disposable Sticky Mat | 14 |
| Wipe | 6 | Sticky Mats (Disposable), 30 Layers | 14 |
| Microlite Wipe..... | 6 | Stationery | 14 |
| MicroWhite SD Wipe | 6 | Cleanroom Paper | 14 |
| Micro Denier Wipe (Heavy Duty) | 6 | Tape | 15 |
| Non- Woven Micro Denier..... | 7 | Cleanroom Tape..... | 15 |
| ESD Wipe..... | 7 | Facemask | 15 |
| PolyCell Wipe..... | 7 | Non-woven Facemask..... | 15 |
| Non-woven Wipe..... | 8 | Finger Cot | 16 |
| Polka Dot Wipe..... | 8 | Antistatic Low Powder Finger Cot ,Pink..... | 17 |
| Magix SuperSorb Wipe..... | 8 | Nitrile Finger Cot..... | 17 |
| Swab | 9 | Orange Finger Cot..... | 17 |
| Cotton Swab | 9 | Powder-Free Finger Cot | 18 |
| Foam/Polyester Swab | 9 | Spore Black E9, Smooth surface, Rolled | 18 |
| Micro-Stick | 9 | Spore Sulphur Free, Smooth surface, Cut | 18 |
| Glove | 10 | Tweezer | 19 |
| PVC Glove | 10 | Conductive Plastic Tweezer | 19 |
| Latex Glove (Textured)..... | 10 | Composite Tweezer | 19 |
| Nitrile Glove (Finger textured) | 10 | Premium Tweezer | 19 |
| Nylon Tricot Glove | 11 | Wafer Tweezer..... | 19 |
| Anti-Static Lint Free Glove | 11 | Wafer Handling System | 20 |
| Conductive Glove with PVC dots on palm | 11 | Other Products | 21 |
| Conductive Glove | 12 | Company Profile | 23 |
| Gloves (Palm Fit/ Top Fit)..... | 12 | | |
| Apparel | 12 | | |
| Hairnet, Non-woven, 12G | 12 | | |
| Shoe Cover | 13 | | |

Introduction

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

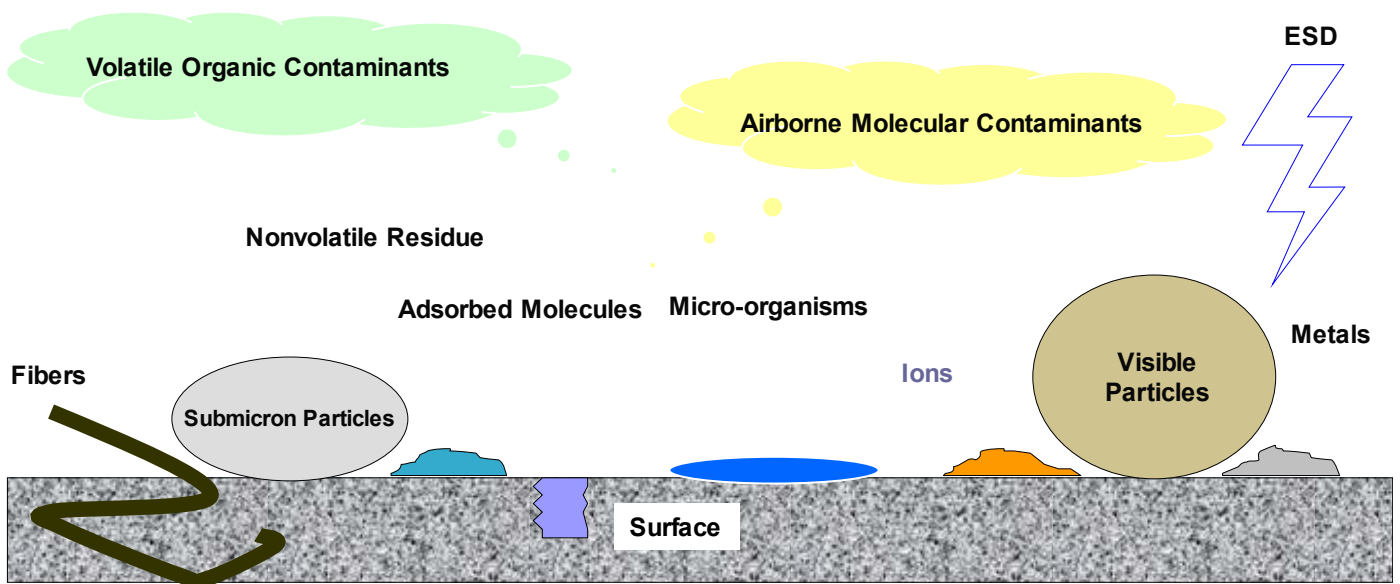
| ISO Classification Number | Maximum concentration limits (particles/m ³ of air) for particles equal to and larger than sizes shown below | | | | | | Approx. Equivalent Fed. Std 209E | Approx. Equivalent Fed. Std 209D |
|---------------------------|---|---------|---------|------------|-----------|---------|----------------------------------|----------------------------------|
| | 0.1 µm | 0.2 µm | 0.3 µm | 0.5 µm | 1.0 µm | 5.0 µm | | |
| ISO Class 1 | 10 | 2 | | | | | | |
| ISO Class 2 | 100 | 24 | 10 | 4 | | | | |
| ISO Class 3 | 1,000 | 237 | 102 | 35 | 8 | | M1.5 Class 1 | |
| ISO Class 4 | 10,000 | 2,370 | 1,020 | 352 | 83 | | M2.5 Class 10 | |
| ISO Class 5 | 100,000 | 23,700 | 10,200 | 3,520 | 832 | 29 | M3.5 Class 100 | |
| ISO Class 6 | 1,000,000 | 237,000 | 102,000 | 35,200 | 8,320 | 293 | M4.5 Class 1,000 | |
| ISO Class 7 | | | | 352,000 | 83,200 | 2,930 | M5.5 Class 10,000 | |
| ISO Class 8 | | | | 3,520,000 | 832,000 | 29,300 | M6.5 Class 100,000 | |
| ISO Class 9 | | | | 35,200,000 | 8,320,000 | 293,000 | M7.5 | |

Controlled Manufactured Areas

| Classification | Typical Applications |
|-------------------------|---|
| 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
- » Process, Incoming Parts, Materials...



Wipe

Microlite Wipe

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

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



MicroWhite SD Wipe

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

| Product code | Description/ Size | Packing |
|------------------------------------|-------------------|-------------------|
| DYC100-01-DYCLEAN-MICROWHITE-SD-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 | Description/ Size | Packing |
|--------------------------------------|-------------------|-------------------|
| DYC100-01-DYCLEAN-MICRO-DENIER-HD-99 | 9" X 9" | 100pcs/10pkts/ctn |



Non-Woven Micro Denier

- Made of continuous filament microfiber non-woven material, 80gsm
- Economical choice of Micro Denier

| Product code | Description/ Size | Packing |
|-------------------------------------|----------------------|-------------------|
| DYC100 01-CLEANZE-NW-MICRO-FIBER-XX | 9" X 9" 12" X 12" | 100pcs/10pkts/ctn |



ESD Wipe

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

| Product code | Description/ Size | Packing |
|--------------------------|-------------------|-------------------|
| DYC100-01-DYCLEAN-ESD-99 | 9" X 9" | 150pcs/10pkts/ctn |



PolyCell Wipe

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

| Product code | Description/ Size | Packing |
|-----------------------------|-------------------|-------------------|
| DYC100-01-CLEANZE-EN-PCCELL | 9" X 9" | 300pcs/10bags/ctn |



Wipe

Non-woven Wipe



- Economic low lint wipes
- Good water and oil absorbency

| Product code | Description/ Size | Packing |
|---------------------------|-------------------|-------------------|
| DYC100-01-CLEANZE-NW-2525 | 25cm X 25cm | 100pcs/30pkts/ctn |
| DYC100-01-CLEANZE-NW-1515 | 15cm X 15cm | 150pcs/40pkts/ctn |

Polka Dot Wipe



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



| Product code | Description/ Size | Packing |
|----------------------------------|-------------------|------------------|
| DYC100-01-CLEANZE-POLKA-DOT-2930 | 29cm X30cm | 50pcs/10bags/ctn |

Magix SuperSorb Wipe

- Developed specially for wet deaning 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 deaning operations



| Product code | Description/ Size | Packing |
|---------------------------------|-------------------|------------------|
| DYC100 02-MAGIXSORB-230X230X2MM | 9" X 9" | 10pcs/20bags/ctn |

Cotton Swab

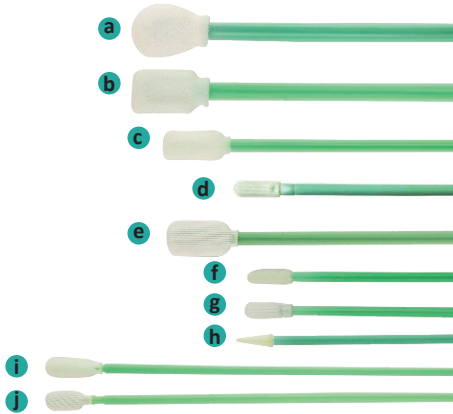
| | Product code | Description/Size | Tip Diameter (mm) |
|----------|-------------------------|--------------------------|-------------------|
| a | DYC110-02-3-PA-CTRH-B2 | 2 headed, 3" paper stem | Ø 4.7 |
| b | DYC110-02-3-W-RH-B | 2 headed, 3" wooden stem | Ø 4.7 |
| c | DYC110-02-3-PA-TRH-B | 2 headed, 3" paper stem | Ø 4.7 |
| d | DYC110-02-3-PA-RH-B | 2 headed, 3" paper stem | Ø 3.6 |
| e | DYC110-02-3-PA-SH-B-WOB | 2 headed, 3" paper stem | Ø 2.7 |
| f | DYC110-02-3-PA-VSH-B | 2 headed, 3" paper stem | Ø 2.8 |
| g | DYC110-02-6-PA-TRH-B | 1 headed, 6" paper stem | Ø 4.7 |



Foam/Polyester Swab



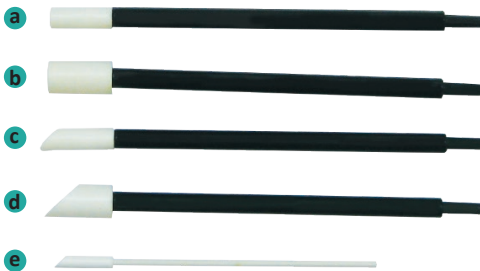
| | Product code | Description/Size | L x T x W (mm) |
|----------|----------------------------|-----------------------------|----------------|
| a | DYC110-08-132MM-708FS-FOAM | Foam, Length = 132mm | 26 x 8 x 21 |
| b | DYC110-08-131MM-707FS-FOAM | Foam, Length = 131mm | 25 x 8 x 16 |
| c | DYC110-08-126MM-712FS-FOAM | Foam, Length = 126mm | 25 x 7 x 11 |
| d | DYC110-08-70MM-758LPS | HD Polyester, Length = 70mm | 10 x 2.2 x 3.2 |
| e | DYC110-08-128MM-714PS | Polyester, Length = 128mm | 24 x 3 x 13 |
| f | DYC110-08-71MM-742FS-FOAM | Foam, Length = 71mm | 12 x 3.5 x 3.6 |
| g | DYC110-08-70MM-743PS | Polyester, Length = 70mm | 12 x 3.6 x 4 |
| h | DYC110-08-76MM-750FS-FOAM | Foam, Length = 76mm | 10 x 3.2 x 3.2 |
| i | DYC110-08-163MM-740FS-FOAM | Foam, Length = 163mm | 18 x 5 x 6.8 |
| j | DYC110-08-164MM-761PS | Polyester, Length = 164mm | 18 x 5 x 6.8 |



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

| | Product code | Package | Tip Diameter (mm) |
|----------|--------------|-----------------|-------------------|
| a | DYC110-01-F5 | 100pcs / 40bags | Ø 5 |
| b | DYC110-01-F8 | 100pcs / 24bags | Ø 8 |
| c | DYC110-01-S5 | 100pcs / 40bags | Ø 5 |
| d | DYC110-01-S8 | 100pcs / 24bags | Ø 8 |
| e | DYC110-01-S3 | 200pcs / 40bags | Ø 3 |



Glove

PVC Glove



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

| Product code | Length /Size | Packing |
|-------------------------------|--------------|-------------------|
| DYC200-01-9-CLEANZE-EN-S/M/L | 9"/S,M,L | 100pcs/10pkts/ctn |
| DYC200-01-12-CLEANZE-EN-S/M/L | 12"/S,M,L | 100pcs/10pkts/ctn |



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.)

| Product code | Length /Size | Packing |
|------------------------------|--------------|-------------------|
| DYC200-02-9-CLEANZE-T-S/M/L | 9"/S,M,L | 100pcs/10pkts/ctn |
| DYC200-02-12-CLEANZE-T-S/M/L | 12"/S,M,L | 100pcs/10pkts/ctn |



Nitrile Glove (Finger textured)



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

| Product code | Length /Size | Packing |
|-----------------------------------|--------------|-------------------|
| DYC200--93-01-9-CLEANZE-FT-S/M/L | 9"/S,M,L | 100pcs/10pkts/ctn |
| DYC200--93-01-12-CLEANZE-FT-S/M/L | 12"/S,M,L | 100pcs/10pkts/ctn |



Nylon Tricot Glove

- 100% Nylon
- Soft and smooth
- Lint free

| Product code | Size | Packing |
|--------------------|-------|-----------------|
| DYC200-99-NT-S/M/L | S,M,L | 12pcs/50doz/ctn |



Anti-Static Lint Free Glove

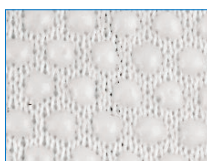
- 100% polyester
- Made with continuous less-linting filament knitted with carbon fibre

| Product code | Size | Packing |
|-----------------|-------|-----------------|
| DYC200-99-S/M/L | S,M,L | 12prs/50doz/ctn |



Conductive Glove with PVC dots on palm

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



| Product code | Size | Packing |
|---------------------|-------|-----------------|
| DYC200-99-PVC-S/M/L | S,M,L | 12prs/50doz/ctn |



Glove

Conductive Glove

(Palm fit / Top fit) **dyCLEAN**

- Easily absorbs oil and most solvents
- Made of Polypropylene fibres which are highly chemical resistant

| Product code | Description/ Size | Packing |
|---------------------------|-------------------|------------------|
| DYC200-PU-COND-PF-DYCLEAN | S/M/L | 10prs/25pkts/ctn |
| DYC200-PU-COND-TF-DYCLEAN | S/M/L | 10prs/25pkts/ctn |



Glove

(Palm fit / Top fit) **dyCLEAN**

- 100% Nylon with PU coated at Palm (for PF), and at finger tips (for TF) for anti-slip property.
- Ideal for clean environment and precise operations.

| Product code | Description/ Size | Packing |
|-------------------------------|-------------------|------------------|
| DYC200-PU-PF-DYCLEAN-S/M/L/XL | S/M/L/XL | 10prs/25pkts/ctn |
| DYC200-PU-TF-DYCLEAN-S/M/L/XL | S/M/L/XL | 10prs/25pkts/ctn |



Apparel

Hairnet, Non-woven, 12G

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



Flat



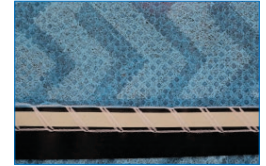
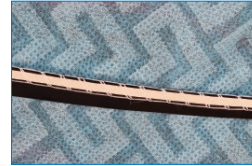
Pleated

| Product code | Description | Packing |
|--|-------------|-------------------|
| DYC300-01-HAIRNET/BAG-DYCLEAN-12G | Flat | 100pcs/10bags/ctn |
| DYC300-01-PLEATED-HAIRNET -DYCLEAN-12G | Pleated | 100pcs/10pkts/ctn |



Apparel

Shoe Cover



| Product code | Description | Packing |
|------------------------------------|-----------------------------------|-------------------|
| DYC300-10-1541-DSC-DYCLEAN-HD | CPE, 16" | 100pcs/20bags/ctn |
| DYC300-10-NW-SC-BL-DYCLEAN-40G | Non-woven | 100pcs/10bags/ctn |
| DYC300-10-1646-A/SLIP-NW-SC-BL-40G | Anti-slip, Non-woven, 18", Blue | 100pcs/10bags/ctn |
| DYC300-10-NW-SC-CONDSTRIP-FILM-BL | Non-woven, Conductive strip, Blue | 100pcs/10pkts/ctn |

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.

| Item | Product code | Sizes | Packing |
|---|----------------|-------------|--------------|
|   <p>Handle</p> | DYC400-TK-CCT | 80 or 160mm | 10pcs/ctn |
|  <p>Refills</p> | DYC400-TK-XXXS | 80/100mm | 200rolls/ctn |
| | | 160/200mm | 100rolls/ctn |
| | | 300mm | 50rolls/ctn |

Disposable Sticky Mat

Sticky Mat
(Disposable), 30 Layers



- Removes contamination on shoes heels, soles and wheels

| Product code | Description/Size | Packing |
|------------------------------|------------------|---------------------|
| DYC410-01-CLEANZE-BL-2436-10 | Blue, 24" X 36" | 30sheets/10mats/ctn |
| DYC410-01-CLEANZE-BL-2645-10 | Blue, 26" X 45" | 30sheets/10mats/ctn |
| DYC410-01-CLEANZE-WH-2436-10 | White, 24" X 36" | 30sheets/10mats/ctn |
| DYC410-01-CLEANZE-WH-2645-10 | White, 26" X 45" | 30sheets/10mats/ctn |

Stationery

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



| Product code | Description/Size | Packing |
|---------------------|-----------------------------|----------------|
| DYC500-10-WJ-Colour | A5 - 210mm x 148mm | 250 sheets/pkt |
| | A4 - 210mm x 297mm | |
| | A3 - 420mm x 297mm | |
| | Letter Size - 216mm x 279mm | |

Cleanroom Tape



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

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

Facemask

Non-woven Facemask

6 types as below :



| Product code | Description/Size | Packing |
|------------------------------------|-------------------------|-------------------|
| DYC600-HH-03-R-PL-HL-DYCLEAN | 3 ply, Head loop | 50pcs/40pkts/ctn |
| DYC600-03-TO-DYCLEAN | 3 ply, Tie on | 50pcs/40pkts/ctn |
| DYC600-SF-CARBON MASK-4 | 4 ply, Carbon | 50pcs/40boxes/ctn |
| DYC601-2P-PT20W-180NMNW-MT-2000 | 2 ply | 50pcs/40pkts/ctn |
| DYC601-3P-PT20W-MB-180NMNW-MT-2000 | 3 ply (filtered), 180mm | 50pcs/40pkts/ctn |
| DYC601-3P-PT20W-MB-210NMNW-MT-2000 | 3 ply (filtered), 210mm | 50pcs/40pkts/ctn |

Finger Cot

1) 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.

2) Vulcanization:

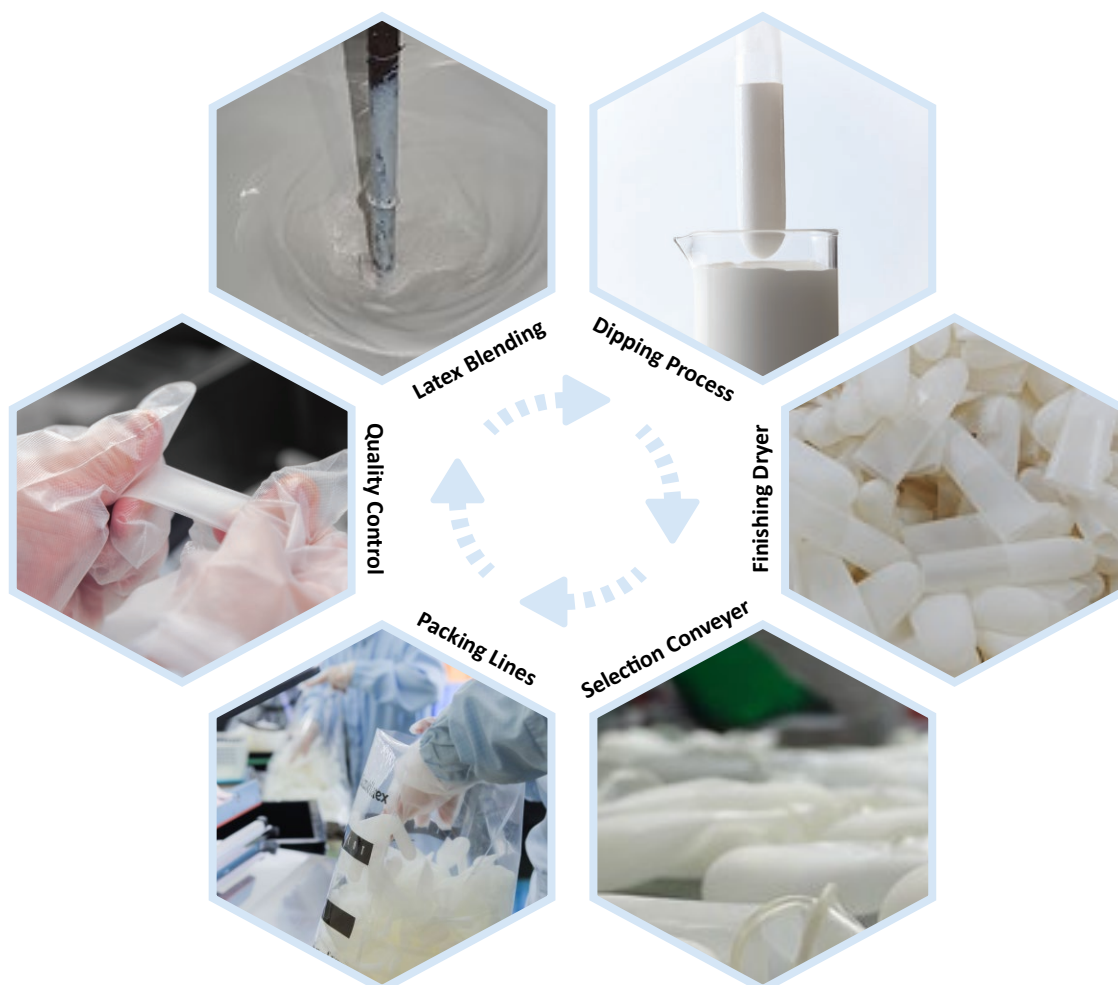
Sulfide (Vulcanization) refers to a rubber material by intermolecular crosslinking raw rubber, which involved adding sulfur and heated sulfur retention and enhancing the role of the elasticity of rubber, vulcanized rubber properties is a process for improvement in this process , the linear structure 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.

3) 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.

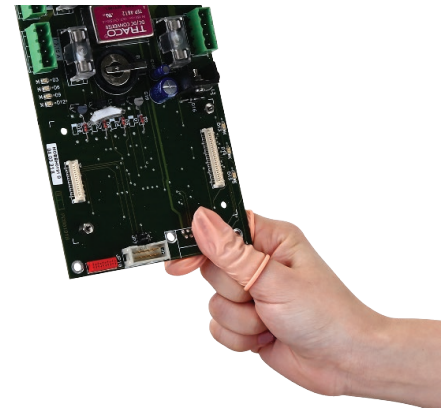
4) Chlorination Process:

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.



Antistatic Low Powder Finger Cot ,Pink

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



| Product code | Type/Size | Packing |
|-------------------------|----------------|--------------------|
| DYC800-01-PINK-AS-S/M/L | Rolled/S, M, L | 1440pcs/20bags/ctn |

Nitrile Finger Cot

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



| Product code | Type/Size | Packing |
|---------------------------------------|----------------|--------------------|
| DYC800-01-CLEANZE-EDELEX-UR-S/M/L | Unroll/S, M, L | 1000pcs/20bags/ctn |
| DYC800-01-CLEANZE-EDELII-ROLLED-S/M/L | Rolled/S,M,L | 1000pcs/20bags/ctn |

Orange Finger Cot

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



| Product code | Size | Packing |
|--------------------------------|------|-------------------|
| DYC800-01-CLEANZE-MASK-OR-TH-S | S | 300pcs/36bags/ctn |
| DYC800-01-CLEANZE-MASK-OR-TH-M | M | 300pcs/30bags/ctn |
| DYC800-01-CLEANZE-MASK-OR-TH-L | L | 300pcs/24bags/ctn |

Finger Cot

Powder-Free Finger Cot



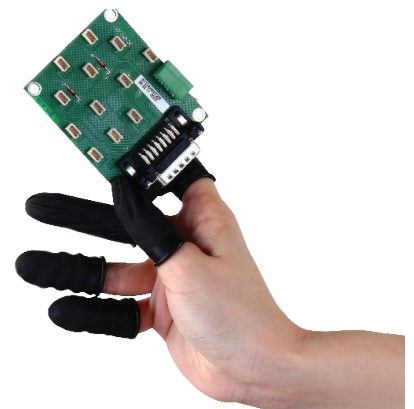
- Designed to provide sensitive touch for work in electronics and other fields
- A proprietary “washed” process leaves no free radical reactive sites and low NVR
- Tapered design eliminates air space at tip
- Packed in a controlled environment



| Product code | Size | Packing |
|----------------------------|----------|--------------------|
| DYC800 02-06-CLEANZE-WHITE | Rolled/M | 1440pcs/20bags/ctn |

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 ionics, non-volatile resistance, particles and other contaminants



| Product code | Size | Packing |
|----------------------|----------------|--------------------|
| DYC800-SB-R-E9-S/M/L | Rolled / S,M,L | 1440pcs/20bags/ctn |

Spore Sulphur Free, Smooth surface, Cut

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

| Product code | Type/Size | Packing |
|---------------|-----------|--------------------|
| DYC800-SS-C-S | Cut/S | 1440pcs/20bags/ctn |



Conductive Plastic Tweezer

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

| Product code | Packing |
|-----------------|-----------|
| DYC900-02-NK35A | 10pcs/pkt |
| DYC900-02-NK6 | |
| DYC900-02-NK2A | |
| DYC900-02-NK7 | |
| DYC900-02-NKR | |



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-ESD202 | Composite tweezer with tip |
| DYC900-CTW-ESD202-TIP | Replaceable tip only |



Premium Tweezer

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

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



Wafer Tweezer

| Product code | Description |
|---------------------|---|
| DYC900-SP-600W-SA | For up to 6" wafers with 6 prongs |
| DYC900-SP-T5508W-SA | For up to 6" 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 |



Wafer Handling System **dyCLEAN™**



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 μ m)
- 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

| Product code | Description | Specifications |
|------------------------|---|----------------|
| DYC950-02-EI14 EP-0 | Peek tip for up to 5" wafers | PEEK + CF |
| DYC950-02-EI14 EP-30 | Peek tip for up to 5" wafers, Ext 30 degree | PEEK +CF |
| DYC950-02-EI30 EP-0 | Peek tip for up to 8" wafers | PEEK +CF |
| DYC950-02-EI30 EP-30 | Peek tip for up to 8" wafers, , Ext 30 degree | PEEK +CF |
| DYC950-02-EI50 EP-0 | Peek tip for up to 12" wafers | PEEK +CF |
| DYC950-02-SPCV | Vertical Wand Stand | PVDF |
| DYC950-02-VSNO-SD | Normally Open Wand | PVDF + CF |
| DYC950-02-CTS-SD-1/4SD | Coiled Vacuum Tube, ESD | Polyurethane |

Other Products

Aerosol & Particle Counters.....



Anti-con Wipes.....



Bemcot Wipes.....



Chairs.....



Dry Cabinets.....



Facilities.....



Gordon Brushes.....



High Temp & Chemical Gloves.....



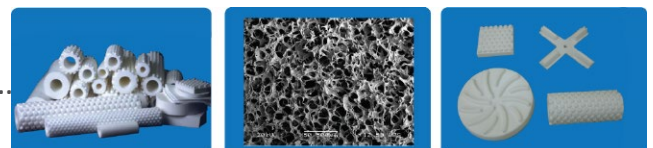
Handlaps.....



Multi-Functional Air Quality Meters.....



PVA Products.....



Other Products

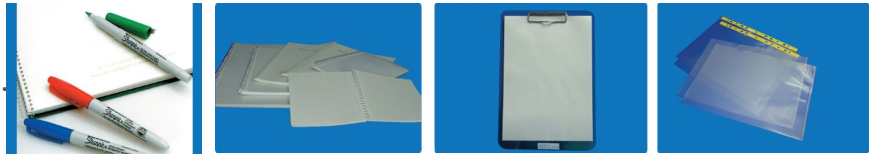
Protective Equipment



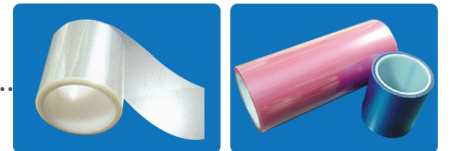
Pen -VAC.....



Stationeries.....



Sticky Rollers.....



Tyvek Products.....



Trolleys & Shelving.....



Vacuum Cleaners.....



Wafer Transfer & Storage Machines



Others.....



Company Profile

Dou Yee Enterprises is the premier total industrial solutions provider in the Asia Pacific region, serving with distinction in the semiconductor, data storage, electronics and biomedical industry since 1982.

We have 39 international branch offices strategically located around the world to give customers the fastest and most accessible products and services.

Our manufacturing plants, located in Singapore, Malaysia (Seremban), China (Suzhou) and France are governed by consistent quality systems with ISO 9001:2008 and ISO 14001:2004 certifications.

You can rely on us for products and services that are comprehensive in range, reliable in quality, accessible in location, and backed up by our many years of experience and expertise.

Dou Yee, your preferred partner in the industrial world.



Singapore HQ



Dou Yee Manufacturing



Dou Yee Suzhou



Eurostat, France

Stream of Products & Services

- ▶ Electrostatic Discharge Control
- ▶ Micro Contamination Control
- ▶ Dry Packaging / Electronic Packaging Materials
- ▶ Electronic Equipment and Tools
- ▶ Bio Medical
- ▶ Chemicals for Electronics Industry
- ▶ Personal Protective Equipment
- ▶ Nano Composite Materials





**More than 39 offices
Across 19 countries**

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

OVERSEA OFFICES

MALAYSIA

Johor Bahru
No. 131 & 131A, Jalan Seri Impian 1,
Taman Impian Emas,
81300 Johor Bahru, Malaysia.
Tel: (607) 556 6284 / 558 6285
Fax: (607) 556 6273
Email: jhbsales1@douyee.com.my

Malacca

No. 13 and 13-1, Jalan Puncak 2,
Taman Puncak, Bukit Katil,
75450 Melaka, Malaysia.
Tel: (606) 231 5060/61/62/64
Fax: (606) 231 5059
Email: mlcsales@douyee.com.my

Kuala Lumpur

No 26 Shah Alam Technology Park,
Jalan Tamborin 33/23, Sek. 33,
40460 Shah Alam, Selangor, Malaysia.
Tel: (603) 5121 1613 / 14
Fax: (603) 5121 8121
Email: dysales@douyee.com.my

Penang

18 Lorong Talang 8, Taman Emas,
13600 Perai, Penang, Malaysia.
Tel: (604) 390 4824
Fax: (604) 390 3815
Email: pngsales1@douyee.com.my

Ipo

79 Persiaran Klebang, Kawasan Perusahaan
IGB, Off Jalan Kuala Kangsar, 31200 Ipo,
Perak, Malaysia.
Tel: (605) 2911853
Fax: (604) 390 3815
Email: pngsales9@douyee.com.my

Sarawak

Ground Floor SL2, Samajaya Commercial Centre
Jalan Setia Raja, 93350 Kuching Sarawak
Tel : (082)-262518
Fax: (082)- 363517
Email: dennis.ngu@douyee.com.my

TAIWAN

Taipei
5F-2, No. 328, Chang Chun Road,
104 Taipei, Taiwan
Tel: (886) 2 2715 1156
Fax: (886) 2 2712 8570
Email: deamer.wu@douyee.com.tw

HsinChu

Rm. 1, 20F., No.295, Sec. 2, Guangfu Rd.,
Hsinchu City 30071, Taiwan
Tel: (886) 3571 1618
Fax: (886) 3571 1619
Email: deamer.wu@douyee.com.tw

HONG KONG

Room #6, 8th Floor, Vanta Industrial Centre,
No. 21-33, Tai Lin Pai Road,
Kwai Chung, N.T., Hong Kong China
Tel: +852-2480 6337
Fax: +852-2487 7956
Email: dyhk@douyee.com.hk

CHINA

Shanghai
1st Floor, Block B, Hi-Tech Industrial Center,
No. 559, NingQiao Road, JinQiao,
PuDong District (New), ShangHai 201206 China
Tel: +86-21-5899 4619
Fax: +86-21-5899 4618
Email: dysh@douyee.com.cn

Suzhou

No. 58, West Shen Hu Road,
Suzhou Industrial Park, 215123 China
Tel: +86-512-6258 5066
Fax: +86-512-6258 5366
Email: ongcc@douyee.com.sg

Beijing

#6010, Block 2, Chunlan Building,
No.88, Nan San Huan road (west),
Feng Tai District, Beijing 100070 China
Tel: +86-10-8368 6931
Fax: +86-10-8368 7651
Email: dybj@douyee.com.cn

Tianjin

#202, SenTe Building,
YuRong GardenJinZhong River Street,
HeBei District, Tianjin 300150
Tel: +86-22-2642 2093
Fax: +86-22-2642 2023
Email: dytj@douyee.com.cn

Dalian

#607, No.263, Huanghe Road, Xigang District,
Dalian 116011 China
Tel: +86-411-8377 9121 / 9193
Fax: +86-411-8369 5216
Email: dydl@douyee.com.cn

Chengdu

Unit #C1409, XieWang Building,
No. 9, XieDu Road (South),
1st Avenue, ChengShuang Section,
ChuanZang Road, WuHou District,
ChengDu 610043 China
Tel: +86-28-8501 7691
Fax: +86-28-8501 7693
Email: dycc@douyee.com.cn

Xi An

#401, Unit 3, Block 8, No.306, JiXiang Road,-
Southern suburb, XiAn 710063 China
Tel: +86-29-8824 7085
Fax: +86-29-8824 7085
Email: dyxa@douyee.com.cn

Anhui

#2607, Block 7, West Ring Central Plaza,
Huangshan Road (West), Shushan District,
Hefei 230000 China
Tel: +86-21-5899 4619
Fax: +86-21-5899 4618
Email: dyah@douyee.com.cn

Shenzhen

Unit #13-F, JinSong Building, Terra 4th Road,
Che Gong Miao, FuTian District, Shenzhen
518040 China
Tel: +86-755-8389 0255
Fax: +86-755-8389 0675
Email: dysz@douyee.com.hk

INDONESIA

Jakarta
Menara Pasifik Lt.3 Ruang 6,
Jl.MH.Thamrin Kav.107, Lippo Cikarang,
Bekasi 17550 Jawa Barat.
Tel: (6221) 8990 1153
Fax: (6221) 8990 5101
Email: ptdouyee@douyee.com.sg

Batam

Batamindo Shophouse Blk C #01-16,
Mukakuning Batam, 29433 Indonesia
Tel: (011) 7 7061 2490
Fax: (011) 7 7061 2489
Email: btmsales3@douyee.com.sg

THAILAND

75/27 Moo 11, Phaholyothin Rd,
T.Klongnueng, A.Klongluang,
Pathumthani 12120, Thailand
Tel: (662) 529 0979
Fax: (662) 9081820
Email: mkt.thailand@douyee.co.th

PHILIPPINES

Manila
#1105-1108 Richville Corporate Tower
Madrigal Business Park,
Alabang-Zapote Road Alabang,
Muntinlupa City 1770, Philippines
Tel: (+632) 807 4683 / 84 / 85
Fax: (+632) 807 4682
Email: easy.cunanan@douyee.com.ph

Cebu

Room 204, Lilang's Guitar Building Quezon
National Highway, Brgy. Pajo Lapu-Lapu City
6015, Cebu Philippines.
Tel: (6332) 341 1577 / 0147
Fax: (6332) 340 7686
Email: phsales3@douyee.com.ph

VIETNAM

Ho Chi Minh
2nd Floor, Fimexco Building,
231-233 Le Thanh Ton Street,
Ben Thanh Ward, District 1,
Ho Chi Minh City, Vietnam
Tel: (84) 8 3910 4420
Fax: (84) 8 3910 4419
Email: vnmsales1@douyee.com.sg

Hanoi

P902, 49A Le Van Huu,
Hai Ba Trung , Hanoi, Vietnam
Tel: (844) 6275 4337
Fax: (844) 6275 4337
Email: vnmsales2@douyee.com.sg

JAPAN

Yokohama
2 Tsurumi Building, 302, 2-10-34 Kita-Saiwai,
Nishi-ku,Yokohama, Kanagawa 220-0004 Japan
Tel: (8145) 312 9906
Fax: (8145) 312 9907
Email: mktg@douyee.co.jp

KOREA

The Sharp First World, # F-1402, Songdo-dong,
Yeonsu-gu, Incheon city,Korea, 406-743
Tel: (82) 10 26984161
E-mail: leeys@douyee.com.sg

UNITED STATES

Truckee
15570 Glenshire Drive,
Truckee, CA 95611-1302
Tel: (530) 320 1313
Email: don.boehm@douyee.com

Murphys

PO Box 736
Murphys, CA 95247
Tel: 209-822-0121
Email: rj.sturgeon@douyee.com

FRANCE

Tournefeuille
94 Chemin De La Peyrette,
31170 Tournefeuille, France
Tel: +33 5 61 16 20 50
Fax: +33 5 34 57 51 30
Email: info.fr@douyee.fr

Pont de Poitte

45 route d'Orgelet,
39130 Pont de Poitte, France
Tel: +33 (0) 3 84 87 02 39
Fax: +33 (0) 3 84 48 30 00
Email: info.fr@eurostatgroup.com

SWEDEN

Rudsjöterrassen 3, 136 40 Handen, Sweden
Tel: +46 (0) 10 690 06 20
Fax: +46 (0) 10 690 06 21
Email: info.se@eurostatgroup.com

NETHERLANDS

Heuvel 6A, 5664HK Geldrop
Tel: +31 (0) 886 363 555
Fax: +31 (0) 886 363 563
Email: info.nl@eurostatgroup.com

UNITED KINGDOM

England
Unit 2, Capital Court, Bittern Road, Sowton
EXETER, EX2 7FW, ENGLAND
Tel: +44 (0) 139 235 7548
Fax: +44 (0) 139 226 8167
Email: info.uk@eurostatgroup.com

POLAND

ul. Wroclawska 33D, 55-095 Długołęka
Tel: +48 500 436 293
Email: info.pl@eurostatgroup.com

HUNGARY- ROMANIA

2120 DUNAKESZI - HUNGARY
Barátság u. 40/C, 4/9
Tel: +36 70 609 4216
Email: info.hu@eurostatgroup.com

SLOVAKIA- CZECH REPUBLIC

Podzahrádná 4
821107 BRATISLAVA – SLOVAKIA
Tel: +421 908 581 747
Email: info.sk@eurostatgroup.com