



CUSTOMIZABLE
CORRUGATED
BOXES

COMPANY PROFILE

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

We have more than 42 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 and ISO 14001 certifications.

POLYPROPYLENE CORRUGATED PLASTIC SHEETS

Dou Yee's Corrugated Boxes are produced mainly from the Polypropylene Corrugated Plastic Sheets

FEATURES

- Water resistant and easy to clean
- Light weight yet rigid structure
- Reusable . Durable and Economical
- Customizable through innovative designs to suit different applications from storage to in-process usage
- Material : Die-Cut PP Corrugated Sheet normal and ESD safe (ANSI/ESD STM 11.11)
- Material thickness available : 2 - 4 mm
- Mechanical Properties:

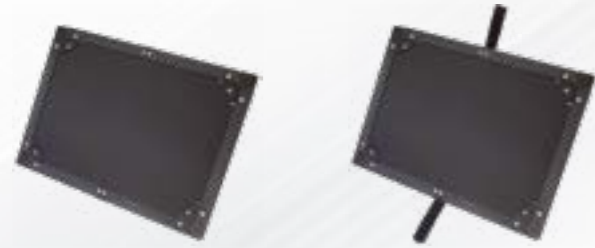
Items	Specifications	Test Method
Tensile Strength, MD	> 160N	ISO 1924 or TAPPI T 494
Tensile Strength, TD	> 140N	ISO 1924 or TAPPI T 494
Elongation at Break, MD	> 150%	ISO 527
Elongation at Break, TD	> 65%	ISO 527
Impact Strength	> 4.5J	ISO 180
Flat Crush Test	> 225 kPa	ISO 3035 or TAPPI T 825

CORRUGATED MATERIAL

Items	Color	Surface Resistance	Volume Resistance
 <p>DC2002 - Conductive</p>	Black	<math><1 \times 10^6 \Omega</math> (ANSI/ESD STM11.11)	<math><1 \times 10^6 \Omega</math> (ANSI/ESD STM11.12)
 <p>DC2008 - Conductive Bubble Sheet</p>	Black		
 <p>DC2006 - Static Dissipative</p>	Black	<math>1 -="" 1="" 10^6="" 10^9="" \omega="" \omega<="" \times="" math=""> (ANSI/ESD STM11.11)</math>1>	<math>1 -="" 1="" 10^6="" 10^9="" \omega="" \omega<="" \times="" math=""> (ANSI/ESD STM11.12)</math>1>
 <p>DC2003 - Antistatic</p>	Pink	<math><1 \times 10^{11} \Omega</math> (ANSI/ESD STM11.11)	<math><1 \times 10^{11} \Omega</math> (ANSI/ESD STM11.12)
 <p>DC2001 - Normal</p>	White, Blue, Grey (upon request)	-	-

COVER DESIGN

Detachable



Loose

Velcro

Non-Detachable



With Hinge

Shoe Box / Pizza Box

Methods to securing the cover to the box

COVER LATCHES

Metal Latches



Normal Latch

Spring Latch C/W Lock Hole

- Stainless steel
- Mild steel with Chrome

Velcro

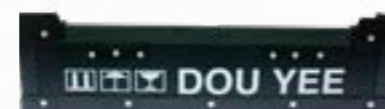


Customizable based on requirement

LABEL



Sticker Label



Silkscreen

CORNERS

Corners made from conductive PP material offers stacking options and corner protection



Standard Stackable
Enable firm stacking of boxes



High Stackable
Enable firm stacking of boxes with cover



Double Layer Wall Stackable
For boxes with double-layered walls



Box Base Corner



Cover Corner



Flat Corner

Items	Specifications	Test Method
Surface Resistance	$1 \times 10^6 \Omega$	ANSI/ESD STM11.13

BOX PERIMETER REINFORCEMENT

The perimeter of the corrugated boxes can be strengthened with additional accessories, this will improve the durability of the boxes





Single / Double PS Frame



Single / Double Aluminum Frame

Option of PP and Metal Handle access for box handling catered for different usages

HANDLES

Items	Surface Resistance	Test Method
 Normal Design	<math><1 \times 10^6 \Omega</math>	ANSI/ESD STM11.13
 Encased Design		
 Extended Profile		
 Easy Handling		
 Heavy Duty (Metal)		

CARDHOLDERS

Different cardholders to suit your needs and they can be used to hold label, log tag and more

Items	Surface Resistance	Test Method
 Antistatic PE Sheet	<math><1 \times 10^{11} \Omega</math>	ANSI/ESD STM11.13
 Perspex		
 Vacuum Formed APET		
 Injection Moulded	<math><1 \times 10^6 \Omega</math>	
 Corrugated Sheet		
 Black SD APET	<math><1 \times 10^9 \Omega</math>	

Customizable based on product dimensions to segregate the products within the box and provide protection requirement

PARTITIONS

Foam Support

- PU / PE / EVA material
- Convuluted PU foam
- Foam tray



Vacuum-formed Tray Support



Corrugated Plastic Material



Single / Folded Layer



Removable / Non-removable

Trays With Cavities

Reel Holder

Slot Divider



Scan for email enquiry



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