

Celestica Singapore Routing Guide

Serangoon Site Address
Celestica Singapore
No. 6, Serangoon North Ave 5
#05-04
Singapore 554910

Woodlands Site Address
Celestica Singapore
Blk 35, Marsiling Industrial Estate Road 3
#03-01
Singapore 739257

Location	Site Contact	Function	Phone	Email
Woodlands - 1st Contact	Beng Kiat Koh	Logistics Team Leader	65-6374 7362	bkoh@celestica.com
Woodlands - 2nd Contact	Cindy Teo	Supply Chain Manager	65-6866 2355	cteoc@celestica.com
Serangoon - 1st Contact	Raymond Ng	Logistics Team Leader	65-6484 9537	rymng@celestica.com
Serangoon - 2nd Contact	Eric Seah	Supply Chain Manager	65-6483 9608	eseah@celestica.com

Multiple small packages shipped on the same day to Celestica must be consolidated into one shipment. The supplier is required to combine multiple part numbers and purchase orders in one shipping container/one pallet/ once AWB/HAWB

Shipments of comparable size, height, and density that are difficult to handle, and for which the combined gross weight exceeds 150 pounds (68 kg) or are oversized should be palletized.

Consolidate items shipped on one day to the same destination on one pallet, one bill of lading, one air waybill or ocean bill of lading. The Carrier to be used for same day consolidated shipment will be based on the weight breaks listed below:

Below is the standard freight routings. Please coordinate all expedites, express freight and ocean shipments with Celestica Singapore logistics contacts.

All Air shipment above 150kg but less than 500kg require SCM Planning Manager approval.

All shipments including Chicago/Los Angeles consolidation point shipments must include a commercial invoice. Please see international documentation requirements below.

See Chicago/Los Angeles consolidation point listed below for all USA origin shipments

For Air Shipment above 500kg will require Material Manager approval.

AIR shipment weights are based on chargeable weights (max of dimm weight and actual weight) when determining mode of transportation. See Page 3 for weight definitions and calculations

Inbound Standard Routing										
Country	Small Pack		Heavyweight Air		LTL Truck		Full Truck	Ocean LCL		Ocean Container
Supplier Shipping Origin Location	Chargeable Weight	Carrier	Chargeable Weight	Carrier	Chargeable Weight	Carrier	Carrier	Chargeable Weight	Carrier	FCL Carrier
USA See below USA origin consolidation point for ship to address. See below invoice requirements for commercial invoice consignee address.	<150lbs	FedEx Ground (Chicago or Los Angeles) See below for Origin States Bill 3rd Party		Agility SL3 (Dallas to Singapore) Ceva SL3 (Seattle and San Francisco to Singapore)	150lbs +	FedEx Freight Priority LTL (Chicago or Los Angeles) See below for Origin States Bill 3rd party to Celestica San Jose, 5325 Hellyer Ave., San Jose, CA 95138	-		Panalpina	Panalpina
Canada	< 50 kg	FedEx Int'l Priority	50 kg +	Agility SL3	-	-	-	-	-	-
Mexico	< 100kg	FedEx Int'l Priority	100 kg +	Agility SL3	-	-	-	-	-	-
Europe	< 45 kg	FedEx Int'l Priority	45 kg +	Panalpina SL3	-	-	-	150 kg +	Panalpina	Panalpina
Europe Exceptions:										
Austria	< 45 kg	FedEx Int'l Priority	45 kg +	Agility SL3	-	-	-	150 kg +	Panalpina	Panalpina
Turkey	< 45 kg	FedEx Int'l Priority	45 kg +	Agility SL3	-	-	-	150 kg +	Panalpina	Panalpina
Asia	< 45 kg	FedEx Int'l Priority	45 kg +	Agility SL3	-	-	-	150 kg +	Panalpina	Panalpina
Asia Exceptions:										
Eastern China (eg.,Huaian, Changzhou, Hangzhou, Suzhou, Kunshan,Shanghai)	< 45 kg	DHL Express	45 kg +	Dachser SL3	-	-	-	150 kg +	Panalpina	Ceva
Wuxi, China	< 45 kg	DHL Express	45 kg +	Ceva SL3	-	-	-	150 kg +	Panalpina	Ceva
Nantong, CN	< 45 kg	DHL Express	45 kg +	Ceva SL3	-	-	-	150 kg +	Panalpina	Ceva
Xiamen,China	< 45 kg	FedEx Int'l Priority	45 kg +	Expeditors International SL3	-	-	-	150 kg +	Panalpina	Agility
Southern China	< 70 kg	DHL Express	70 kg +	Agility SL3	-	-	-	150 kg +	Panalpina	Ceva
Hong Kong	< 70 kg	DHL Express	70 kg +	Agility SL3	-	-	-	150 kg +	Panalpina	Ceva
Singapore	< 45 kg	FedEx Int'l Priority	45 kg +	CEVA SL3	-	-	-	150 kg +	Panalpina	Ceva
India	< 45 kg	FedEx Int'l Priority	45 kg +	CEVA SL3	-	-	-	150 kg +	Panalpina	Panalpina
Taiwan - Taipei	< 70 kg	FedEx Int'l Priority	70 kg +	Agility SL3	-	-	-	150 kg +	CEVA	CEVA
Taiwan - Kaohsiung	< 70 kg	FedEx Int'l Priority	70 kg +	Panalpina SL3	-	-	-	150 kg +	Panalpina	CEVA
Thailand	< 60 kg	FedEx Int'l Priority	60 kg +	Panalpina SL3	-	-	-	150 kg +	Panalpina	Panalpina
Israel	< 45 kg	FedEx Int'l Priority	45 kg +	TNT Express	-	-	-	150 kg +	Panalpina	Panalpina
Japan	< 45 kg	FedEx Int'l Priority	45 kg +	Expeditors International SL3	-	-	-	150 kg +	Ceva	Panalpina

Carrier Information				
Carrier	Phone	Contact Name	Web Site or Email Address	Account Number

Agility	-	-	www.agility.com	-
CEVA	See Website	See Website	www.cevalogistics.com	Contact Buyer or see PO
Dachser	See website for local office	See website for local office	http://www.dachser.com	Contact Buyer or see PO
Expeditors International	See website for local office	See website for local office	https://www.expeditors.com/locations	Contact Buyer or see PO
FedEx	1-800-463-3339	-	www.fedex.com/?location=home	Contact Buyer or see PO
FedEx (USA to Chicago)	1-800-463-3339	-	www.fedex.com/us/fedex/shippingservices/package/ground.html	Contact Buyer or see PO
FedEx (USA to Los Angeles)	1-800-463-3339	-	www.fedex.com/us/fedex/shippingservices/package/ground.html	Contact Buyer or see PO
Panalpina	See web site for local contacts	See web site for local contacts	www.panalpina.com	-

USA Origin Consolidation Point					
For USA suppliers only. Please list the full hub address below on the bill of lading. Match the ship from state to the list below to choose the correct hub location. (Do not list this address on the commercial invoice)					
Consignee	Address	Contact Name	Tel	Fax	Email Address
Celestica c/o Panalpina, Inc. Attn: Celestica Singapore	800 E.Devon Avenue, Elk Grove Village, IL, 60007, United States	Celestica Support Desk	630-477-4000 ext 1340	847-545-5568	AE Celestica CS.CHI@panalpina.com
Celestica c/o Panalpina, Inc. Attn: Celestica Singapore	19900 S. Vermont Avenue, Suite A, Torrance, CA 90502	Celestica Support Desk	310-819-4060 ext: 1940	1-310-819-4055 or 1-310-819-4058	celesticaexp.LAX@panalpina.com
Consolidation Hub Location		USA Origin Shipping States			
Chicago Hub (Elk Grove)	AL, AR, CT, DE, DC, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, NC, ND, NE, NH, NJ, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, WV				
Los Angeles Hub (Torrance)	AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY				

International Commercial Invoice Requirements	
<p>All Commercial invoices must contain the following information or shipments will be held in Customs or returned to the origin.</p> <ol style="list-style-type: none"> 1. Shipper name and address 2. Sold to or invoice to name and address 3. Consignee name and address: All Commercial invoices must list one of the following addresses. Please do not list a consolidation point address on the commercial invoice. Serangoon Site: Celestica Singapore No. 6, Serangoon North Ave 5 #05-04 Singapore 554910 Woodlands Site: Celestica Singapore Blk 35, Marsiling Industrial Estate Road 3 #03-01 Singapore 739257 4. Invoice number 5. Ship date 6. Carrier and way bill number (if info. available) 7. Incoterms 8. PO. number 9. Celestica part number 10. Description 11. Quantity (for each line item) 12. Unit price (for each line item) 13. Extended price (for each line item) 14. Country of origin (for each line item) 15. Total value on the invoice 16. Weight and number boxes or skids. <p>US origin vendors/shipper (those shipping to the consols), a Shippers Export Declaration (SED) or an Automated Export System Record (AES) is required http://www.access.gpo.gov/bis/ear/pdf/758.pdf http://www.census.gov/foreign-trade/regulations/regs/regulations20080602-federalregister.pdf Please forward these documents prior to arrival of shipment to Panalpina dock. Send to the email above and attach a copy on the outside of the shipping carton.</p> <p>1-Commercial Invoice (please refer to the above international documentation requirements). 2-SLI / EEI 3-Packing List 4-Certificate of Origin</p>	

Weight Definitions and Calculations
<p>Actual Weight: - The weight of a package using a standard scale rounded to the next full pound / KG. (Example: a 12 1/2 pound carton will have an "actual weight" of 13 pounds).</p>

Dimensional (Volumetric) Weight:

- A calculation used to reflect a package's density. The International Air Transport Association (IATA) volumetric standards is used to determine the dimensional weight.
- A calculation used to determine the three-dimensional space the carton occupies: length x width x height measured in cubic inches or cubic centimetres.

Chargeable Weight:

- The chargeable weight of the shipment will be the higher of the volumetric weight or the gross weight.

How to Calculate Volumetric Weight (International air shipments)

International Shipments Calculation with Freight Forwarders

Imperial (IN / LBS)

$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (International)}}$$

Metric (CM / KG)

$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{6000 \text{ (International)}}$$

International Shipments Calculation with DHL Express, TNT Express and FedEx Express

Metric (CM / KG)

$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{5000 \text{ (International)}}$$

International Shipments Calculation with DHL Freight and TNT Economy

Metric (CM / KG)

$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{4000 \text{ (International)}}$$

Identifying what your chargeable weight will be:

Example - Imperial Calculation

Actual Pallet Weight = 250lbs
 Pallet Dimensions = 48 x 40 x 50in
 Pallet Volumetric weight = (48 x 40 x 50) / 166 = 578.31lbs
 Chargeable Weight of shipment = 578.5lbs

Example - Metric Calculation

Actual Pallet Weight = 150kg
 Pallet Dimensions = 122cm x 102cm x 120cm
 Pallet Volumetric weight = (122x102x120) / 6000 = 248.88kg
 Chargeable Weight of shipment = 249kg

How to Calculate Volumetric Weight (USA Domestic air shipments)

Imperial (IN / LBS)

$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (USA Domestic)}}$$

Example - Imperial Calculation

Actual Pallet Weight = 250lbs
 Pallet Dimensions = 48 x 40 x 50in
 Pallet Volumetric weight = (48 x 40 x 50) / 166 = 578.31lbs
 Chargeable Weight of shipment = 578.5lbs

or

How to Calculate Volumetric Weight (International air shipments)

Metric (CM / KG)

$$\text{DIMENSIONAL WEIGHT} = \frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic centimetres}}{6000 \text{ (International)}}$$

Example - Metric Calculation

Actual Pallet Weight = 600kg
 Pallet Dimensions = 122 x 102 x 100cm
 Pallet Volumetric weight = (122 x 102 x 100) / 6000 = 207.4kg
 Chargeable Weight of shipment = 600kg

Length or Girth - (For FedEx International and USA domestic Air and Ground)

Your Chargeable Weight will be based on the greater between the actual package weight and the Length and Girth of the package.

Length - is the largest dimension of the carton or object being shipped. For example, if the package is very tall (height is greater than the base) use the height as the length.

Girth - is the sum of 2 times the width plus 2 times the height or the measurement around the largest area of the cylinder (see illustration).

