



Faraday Future

IMC Expendable Packaging Standards Manual (APAC & EU region)

AUTOMOTIVE STANDARD: ISO MODULAR CONTAINER (IMC)

Faraday & Futures Inc.
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1. INTRODUCTION

This guide advises Faraday & Future (FF) suppliers of standardized international packaging requirements for the shipment of components to FF NAFTA destination(s) from EU or APAC regions. These packaging standards apply for all program phases (Beta included). Please contact your FF Buyer or FF Logistics Packaging Engineer should you have any questions. Our aim is to ensure quality is maintained, freight cube is maximized and have packaging that is both acceptable and adaptable to local market conditions.



From the guidelines provided in this manual, it is expected that the supplier will develop a packaging specification and submit it to the FF Supplier Portal for provisional or final approval. If you supply components in packaging that does not conform to the specification, you may be held liable for repackaging and incremental freight costs. Deviations are not allowed without prior written approval from FF Logistics Packaging Engineering. Packaging that proves unacceptable for whatever reason (quality, transport, production process, safety, etc.) must be changed upon request from Packaging Engineering.

Remember, the responsibility for ensuring component quality from your plant to the point of use remains with you - the supplier of the product.

If a component requires unique packaging (odd dimensions, material requirements, and specific critical requirements) FF Packaging Engineers can assist with the design, testing, and implementation of the packaging solution. When situations like this arise, contact FF Packaging to obtain additional details.

FF will be transitioned to a new packaging data management system for packaging approval. The Packaging Database (<http://fflogisticspackaging.com/default.aspx>) replaces all former packaging specification forms and processes. When your package specification is ready, please submit your proposal in the “Open Specifications Screen” in the database. The “How-To” Guidelines for the Packaging Database is at the end of this document for your reference.



2. BACKGROUND

The ISO Modular Carton (IMC) program is industry standard for ocean freight. Adopted from the auto industry's overseas emerging market strategy, an IMC is a corrugated box footprint strategy designed to "module" standard ISO-Sea Containers. Using modular footprints allows unit load cubing for Faraday suppliers, consolidation centers or when there is direct material loading into ISO-Sea Containers. This strategy is required to maximize freight and quality while eliminating non-value added handling and crating. International packaging is based around a unit load footprint size of 960mm x 1140mm x 1100mm (38"x45"x43") and NOT the standard IMC shipping pallet dimension of 1200mm x 1140mm (45"x48") or any other specification.

Due to the introduction of Lean manufacturing techniques into all FF plants, all packaging quantities and sizes are required to allow for manually handled cartons wherever possible – i.e. manually handled cartons should, ideally, weigh less than 33lbs.



To assist suppliers in selecting the correct packaging size, FF has developed the IMC Expendable Packaging Standards Manual supporting the development of an ideal packaging solution for any oversea part.

3. HOW TO USE DOCUMENT

To ensure that all expendable packaging is in accordance with FF requirements follow steps:

Step 1: Select the ideal expendable corrugated IMC solution using the given requirements in the IMC Expendable Packaging Standards Manual.

Step 2: Advise FF Packaging Engineering of your packaging proposal by completing the Packaging Specification in FF Packaging Database.

Step 3: Add internal dunnage or special part protection if required in your Packaging Specification.

Step 4: Packaging Engineering Team will review the specification and then provide approval or rejection through FF Packaging Database.

Step 5: Ensure that all domestic shipments are made in accordance to the Shipping & Consolidation Guidelines to achieve optimized cube utilization in transportation.

Step 6: Complete final checklist to ensure that all steps have been covered.



At any given point of time FF Packaging Engineering can approach the supplier to revise the packaging specification when needed (i.e. change in mode of transportation). Packaging costs must be identified and integrated as part of your piece price at the quotation stage, and can only be agreed by Purchasing (your FF Buyer). Confirmation of a packaging specification form advises that your packaging proposals are acceptable, and does not infer or imply acceptance or agreement of any associated costs with that packaging.

4. DO & DO NOT

DO NOT: Use a carton that is not specified for Europe and Asia Pacific Regions - no exceptions are permitted without prior written approval from FF Packaging Engineering.

DO NOT: Forget to include the required IMC Number printing on two sides of the box and DO NOT ship on a Non-IMC pallet.

DO NOT: Design an open top IMC proposal. No open top containers are allowed.

DO NOT: Allow your product quality to be compromised due to inadequate packaging - zero defect is the norm. If weight is an issue, suppliers are required to increase the packaging strength requirements to ensure quality.

DO NOT: Pack different parts within the same carton - only one part number per carton is allowed. Different part numbers, in separate IMC boxes, shipped on the same pallet must be accompanied by a master packing label.

DO NOT: Use belly bands to strengthen IMC cartons. Excessively heavy unit loads require the use of increased board strength, dunnage, or corner posts to ensure quality.

DO NOT: Use steel banding to secure loads; use only plastic banding and/or stretch wrapping.

DO NOT: Allow cartons to overhang pallets. Ensure they are correctly stacked and positioned. The appropriate use of banding and/or stretch wrap must be used as needed.

DO NOT: Use staples for carton closure (top or bottom). Staples may damage both the parts and the operators during the unload operation.

DO NOT: Ship pyramid loads whenever possible to prevent inbound transit damage.

DO NOT: Use packaging material that cannot be re-cycled, or could be environmentally harmful after disposal.

DO NOT: Cut down or modify modular boxes. Example: do not cut side seams to make a box smaller or insert an access panel unless approved by FF Packaging Engineering.

DO NOT: Allow the maximum weight of a unit load including pallet base to exceed the specified weight limit for the region.



- DO:** Use modular cartons and pallets to the exact specification - this is a fully integrated system that requires each element to meet its specification.
- DO:** Ensure that you utilize the maximum cube of the freight cube - if utilization is less than 95% try another IMC size or part orientation.
- DO:** Where rusting is a risk, use corrosion inhibiting materials; i.e. Volatile Corrosive Inhibitor (VCI) products, etc. For other components, where required, use the appropriate product quality enhancement material; i.e. bubble wrap, static-proof bags, etc. Although Packaging Engineering will advise, the responsibility for ensuring part protection remains with the supplier.
- DO:** Select reliable suppliers to provide cartons, pallets, and stickers. FF has a certified corrugate supplier that currently stock IMC boxes if you do not have a company to provide the proper materials.
- DO:** Monitor the effect of engineering changes on the packaging and submit a new formal packaging proposal through the FF Packaging Approval System via FF Supplier Portal (pending) whenever the packaging changes
- DO:** Inform Packaging Engineering using appropriate pack spec. form if your parts are temperature sensitive. (Temperatures over 70° C can be reached during transport to some destinations).
- DO:** Ensure your part labeling conforms to AIAG Shipping Label Specifications. Additional information will be available through the FF Supplier Portal (pending).
- DO:** Ensure quantities of handles/hand holes is suitable for the pack weight (See specification)
- DO:** Ensure to use IPPC stamped pallets
- DO:** Use new part labels when shipping parts with new engineering level. Refer to the regional packaging terms & condition documents for label details.
- DO:** Ensure that all cartons have the appropriate ISO- Modular Carton Number printed approximately 50mm (2") high on two sides of the box. See Example on right
- DO:** Follow all applicable Hazardous Materials / Dangerous Goods Transportation Regulations, including the OSHA and UN Hazard Communication Standards. Refer to the Packaging Terms & Conditions of the FF Packaging Guidelines for more details. Adherence to transport regulations of hazardous material / dangerous goods is legally mandated. Regional and / or national requirements must be followed.





5. IMC EXPENDABLE CARTON SELECTION PROCESS

Identify the most suitable carton from the FF IMC container ranges (refer to Table 1, 2,) based on the following selection criteria:

Step 1: Determine an approximate pack quantity based on part nature, Faraday's right sizing principles, plant material handling requirement, line feed requirement data (if available) and optimum part density in carton.

Step 2: Determine whether the part requires any special expendable/durable packaging. If required contact respective FF packaging engineer before finalizing your packaging proposals.

Step 3: Select the appropriate quantity of hand holes if required after approval by Faraday Packaging Engineer.

Step 4: All standard IMC shipments must be shipped on the specified IMC Overseas Block Pallet 960mm x 1140mm (38" x 45"). In case that the IMC carton size exceeds the dimensions of the standard pallet then a special pallet with same foot print size of the carton used is required. This special pallet must follow the same construction principle as the standard pallet and must be suitable for the increased weight and handling requirements.

Step 5: Finally, all IMC unit loads must be adequately secured to the pallet. Manually handled cartons (IMC030-IMC190) should be secured to the pallet base with a minimum of four bands and/or the appropriate amount of stretch wrap. If stretch wrap is used, be sure to make several rotations around the pallet base to prevent carton movement in transit. Stapling unit load sized cartons to the pallet base in certain cases is recommended to prevent movement in transit. If you want to staple the carton to base pallet - please contact your FF Packaging Engineer before doing so.

Step 6: If your parts are to be shipped by air freight directly from your manufacturing location, cartons must be placed in a wood or corrugate over pack. This requirement is to adequately protect it from air freight handling and in-transit forces. It is mandatory to maintain a minimum of 12mm thick wood over pack if it is plywood and 15mm in case of Pine wood. However, wood used must comply with the phyto-sanitary requirements.

6. IMC CARTON SIZES AND PERFORMANCE SPECIFICATIONS

The following applies to international shipments destined for North America manufacturing locations

Note: The following are carton sizes only and do not include the height of the pallet.



TABLE 1 Single Wall (SW) – HANDHELD CONTAINERS

IMC CARTON #	EXTERIOR DIMENSIONS (mm) L x W x H			EXTERIOR DIMENSIONS (in) L x W x H			TARE WEIGHT kg. (lbs.)	BCT. (kg)	BURST STRENGTH (lbs.)	PUNCTURE RESIST.	MAX WEIGHT PER BOX kg. (lbs.)
IMC030	280	240	120	11	9.50	4.75	0.2 (0.4)	208	275 #	6	15 (33)
IMC040	280	240	240	11	9.50	9.50	0.2 (0.4)	208	275 #	6	15 (33)
IMC045	280	240	310	11	9.50	12.63	0.2 (0.4)	243	275 #	6	15 (33)
IMC047	280	240	480	11	9.50	19	0.3 (0.7)	243	275 #	6	15 (33)
IMC050	480	280	120	19	11	4.75	0.4 (0.9)	294	275 #	6	15 (33)
IMC060	480	280	240	19	11	9.50	0.8 (1.8)	294	275 #	6	15 (33)
IMC070	560	240	120	22	9.50	4.75	0.4 (0.9)	301	275 #	6	15 (33)
IMC080	560	240	240	22	9.50	9.50	0.5 (1.1)	301	275 #	6	15 (33)
IMC090	560	480	120	22	19	4.75	1.1 (2.4)	692	275 #	6	15 (33)

TABLE 2 Double Wall (DW)

IMC CARTON #	EXTERIOR DIMENSIONS (mm) L x W x H			EXTERIOR DIMENSIONS (in) L x W x H			TARE WEIGHT kg. (lbs.)	BCT. (kg)	BURST STRENGTH (lbs.)	PUNCTURE RESIST.	MAX WEIGHT PER BOX kg. (lbs.)
IMC100	560	480	240	22	19	9.50	1.3 (2.9)	692	400 #	15.2	15 (33)
IMC110	560	480	480	22	19	19	1.8 (4.0)	692	400 #	15.2	15 (33)
IMC120	960	560	120	38	22	4.75	1.9 (4.2)	737	400 #	15.2	15 (33)
IMC130	960	560	240	38	22	9.50	2.7 (5.9)	1179	400 #	15.2	15 (33)
IMC140	960	560	480	38	22	19	3.3 (7.3)	1074	400 #	15.2	15 (33)
IMC150	1120	480	120	44	19	4.75	1.7 (3.7)	952	400 #	15.2	15 (33)
IMC160	1120	480	240	44	19	9.50	2.4 (5.3)	1102	400 #	15.2	15 (33)
IMC170	1120	480	480	44	19	19	3.3 (7.3)	1102	400 #	15.2	15 (33)
IMC175	1120	960	310	44	38	12.63	10.2 (22.5)	1950	400 #	15.2	15 (33)
IMC190	1120	960	480	44	38	19	9.4 (20.7)	1950	400 #	15.2	136 (300)



TABLE 3 Triple Wall (TW)

IMC CARTON #	EXTERIOR DIMENSIONS (mm)			EXTERIOR DIMENSIONS (in)			TARE WEIGHT kg. (lbs.)	BCT. (kg)	BURST STRENGTH (lbs.)	PUNCTURE RESIST.	MAX WEIGHT PER BOX kg. (lbs.)
	L	W	H	L	W	H					
IMC205	1120	480	480	44	19	19	5.2 (11.5)	1990	1100 #	20.2	90 (200)
IMC215	1120	960	960	44	38	38	12.5(27.6)	1950	1100 #	20.2	500 (1100)
IMC405	1450	560	310	57.88	22	12.63	5.1 (11.2)	2160	1100 #	20.2	90 (200)
IMC415	1450	560	480	57.88	22	19	5.8 (12.8)	2160	1100 #	20.2	90 (200)
IMC425	1450	1120	310	57.88	44	12.63	11 (24.3)	2430	1100 #	20.2	90 (200)
IMC420	1450	1120	960	57.88	44	38	15.8(34.8)	2430	1100 #	20.2	500(1100)
IMC430	1450	1120	480	57.88	44	19	13 (28.7)	2430	1100 #	20.2	136(300)
IMC500	1720	1120	310	68.50	44	12.63	12.2(26.9)	2560	1100 #	20.2	90 (200)
IMC510	1720	1120	480	68.50	44	19	14.3(31.5)	2560	1100 #	20.2	136 (300)
IMC600	2240	560	480	89	22	19	9.1 (20)	2530	1100 #	20.2	90 (200)
IMC610	2240	1120	480	89	44	19	16.8 (37)	2780	1100 #	20.2	136 (300)

Tolerance: Exterior dimensions must be maintained to +0.0 and -5.0mm (+0" and -0.2")

- RSC** = Regular Slotted Carton.
- HSC** = Half Slotted Carton, with Lid.
- SW** = Single Wall Corrugate
- DW** = Double Wall Corrugate.
- TW** = Triple Wall Corrugate
- Maximum weight of a unit load including the pallet base must not exceed 1,100lbs.
- All cartons must either be purchased from approved supplier listed at the end of this document - FF Buyer can provide pre-negotiated pricing or use your own source but meeting same standards in this manual.

ISO-MODULAR CARTON (IMC) SIZES – OVERSEAS

Do not add empty cartons to the pallet stack to achieve a flat layer. Homogeneous unit loads are shown simply to illustrate relative carton size and orientation on the ISO-Modular pallet.

“HC” (High Cube) IMC cartons are only to be used for high cube ISO containers.

Recommended maximum load = 15kg. (33lbs.)

Conversion Factors: 1" = 25.4mm 1kg = 2.2lbs

Maximum weight of a unit load including the pallet base must not exceed 500kg (1,100lbs).

Asia Pacific Plants will also accept quarter keg boxes for hardware (229mm x 229mm x 127mm) cartons.



Important note: To provide an almost complete overview on all currently used IMC cartons a full listing is provided. Nevertheless suppliers are highly recommended to use the carton types highlighted with bold letters as the first choice. Other listed IMCs may only be used after written approval from the responsible packaging engineer. All IMC cartons must meet the carton material and dimensional specification regardless from where purchased. It is acceptable to use IMC carton series 500-610 as specified when part size requires such large dimension cartons. In these cases, refer to the FNA material specification. Also use the FNA base pallet dimensions and specification for these cartons.

7. IMC GRAPHIC GUIDELINES

SMALL PRINT CONFIGURATION

The IMC number are to be printed on the long side of the carton on both sides. The printed is to be centered on the carton.



25.25mm
IMC 050

LARGE PRINT CONFIGURATION

The IMC number are to be printed on the long side of the carton on both sides. The printed is to be centered on the carton.



50mm
IMC 190

Note:

If you are a current manufacture and or supplier of IMC cartons where the print standards have already been established please utilize those standards, otherwise use the IMC graphic guidelines where the print has not been predetermined.

1. IMC number is to be printed in black.
2. All single wall cartons use the small print configuration.
3. All double wall and triple wall configurations use the large print configurations.



8. TABLE 1 SW UNIT LOAD CARTON CONFIGURATION 980mm x 1140mm FOOTPRINT



IMC030
16 Cartons per Layer
8 Layers per Unit Load max
128 Cartons per Unit Load max
1 Layer with Pallet 247mm



IMC040
16 Cartons per Layer
4 Layers per Unit Load max
64 Cartons per Unit Load max
1 Layer with Pallet 367mm



IMC045
16 Cartons per Layer
3 Layers per Unit Load max
48 Cartons per Unit Load max
1 Layer with Pallet 437mm



IMC047
16 Cartons per Layer
2 Layers per Unit Load max
32 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC050
8 Cartons per Layer
8 Layers per Unit Load max
64 Cartons per Unit Load max
1 Layer with Pallet 247mm



IMC060
8 Cartons per Layer
4 Layers per Unit Load max
32 Cartons per Unit Load max
1 Layer with Pallet 367mm



IMC070
8 Cartons per Layer
8 Layers per Unit Load max
64 Cartons per Unit Load max
1 Layer with Pallet 247mm



IMC080
8 Cartons per Layer
4 Layers per Unit Load max
32 Cartons per Unit Load max
1 Layer with Pallet 367mm



IMC090
4 Cartons per Layer
8 Layers per Unit Load max
32 Cartons per Unit Load max
1 Layer with Pallet 247mm



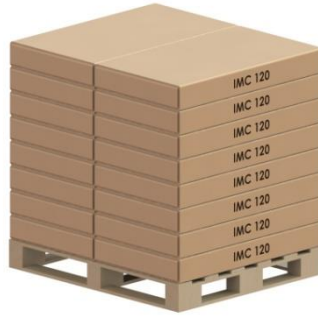
9. TABLE 2 DW UNIT LOAD CARTON CONFIGURATION 980mm x 1140mm FOOTPRINT



IMC100
4 Cartons per Layer
4 Layers per Unit Load max
16 Cartons per Unit Load max
1 Layer with Pallet 367mm



IMC110
4 Cartons per Layer
2 Layers per Unit Load max
8 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC120
2 Cartons per Layer
8 Layers per Unit Load max
16 Cartons per Unit Load max
1 Layer with Pallet 247mm



IMC130
2 Cartons per Layer
4 Layers per Unit Load max
8 Cartons per Unit Load max
1 Layer with Pallet 367mm



IMC140
2 Cartons per Layer
2 Layers per Unit Load max
4 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC150
2 Cartons per Layer
8 Layers per Unit Load max
16 Cartons per Unit Load max
1 Layer with Pallet 247mm



IMC160
2 Cartons per Layer
4 Layers per Unit Load max
8 Cartons per Unit Load max
1 Layer with Pallet 367mm



IMC170
2 Cartons per Layer
2 Layers per Unit Load max
4 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC175
1 Cartons per Layer
3 Layers per Unit Load max
3 Cartons per Unit Load max
1 Layer with Pallet 437mm



IMC190
1 Cartons per Layer
2 Layers per Unit Load max
2 Cartons per Unit Load max
1 Layer with Pallet 607mm



10. TABLE 3 TW UNIT LOAD CARTON CONFIGURATION 980mm x 1140mm FOOTPRINT



IMC205
2 Cartons per Layer
2 Layers per Unit Load max
4 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC215
1 Cartons per Layer
1 Layers per Unit Load max
1 Cartons per Unit Load max
1 Layer with Pallet 1087mm

11. TABLE 3 TW UNIT LOAD CARTON CONFIGURATION 1490mm x 1140mm FOOTPRINT



IMC405
2 Cartons per Layer
3 Layers per Unit Load max
6 Cartons per Unit Load max
1 Layer with Pallet 437mm



IMC415
2 Cartons per Layer
2 Layers per Unit Load max
4 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC425
1 Cartons per Layer
3 Layers per Unit Load max
3 Cartons per Unit Load max
1 Layer with Pallet 437mm



IMC420
1 Cartons per Layer
1 Layers per Unit Load max
1 Cartons per Unit Load max
1 Layer with Pallet 1087mm



IMC430
1 Cartons per Layer
2 Layers per Unit Load max
2 Cartons per Unit Load max
1 Layer with Pallet 607mm



12. TABLE 3 TW UNIT LOAD CARTON CONFIGURATION 1740mm x 1120mm FOOTPRINT



IMC500

1 Cartons per Layer
3 Layers per Unit Load max
3 Cartons per Unit Load max
1 Layer with Pallet 437mm



IMC510

1 Cartons per Layer
2 Layers per Unit Load max
2 Cartons per Unit Load max
1 Layer with Pallet 607mm

13. TABLE 3 TW UNIT LOAD CARTON CONFIGURATION 2260mm x 1140mm FOOTPRINT



IMC600

2 Cartons per Layer
2 Layers per Unit Load max
4 Cartons per Unit Load max
1 Layer with Pallet 607mm



IMC610

1 Cartons per Layer
2 Layers per Unit Load max
2 Cartons per Unit Load max
1 Layer with Pallet 607mm

CARTON CONFIGURATION AND WEIGHT REQUIREMENTS

1. Multi layered carton configurations must be stacked in even layers to not exceed the total unit load height of 1100mm including pallet
2. Supplier utilizing max carton weights may need to reduce layers off of standard carton configuration in order to stay within max unit load of 1000 lbs.
3. No pyramid stacking is not permitted.
4. Mixed unit loads of different parts and carton sizes ARE acceptable, the modular carton design allowing all cartons to be inter-stacked. Do not add empty cartons to the pallet stack to achieve a flat layer. Homogeneous unit loads are shown simply to illustrate relative carton size and orientation on the ISO-Modular pallet.



14. FF-MODULAR PALLET SPECIFICATION

All IMC shipments must conform to the following footprints:



980x1140x110
Block Pallet
4 way entry
Certified Heat Treated



1490x1140x110
Block Pallet
4 way entry
Certified Heat Treated



1740x1140x110
Stringer Pallet
4 way entry
Certified Heat Treated



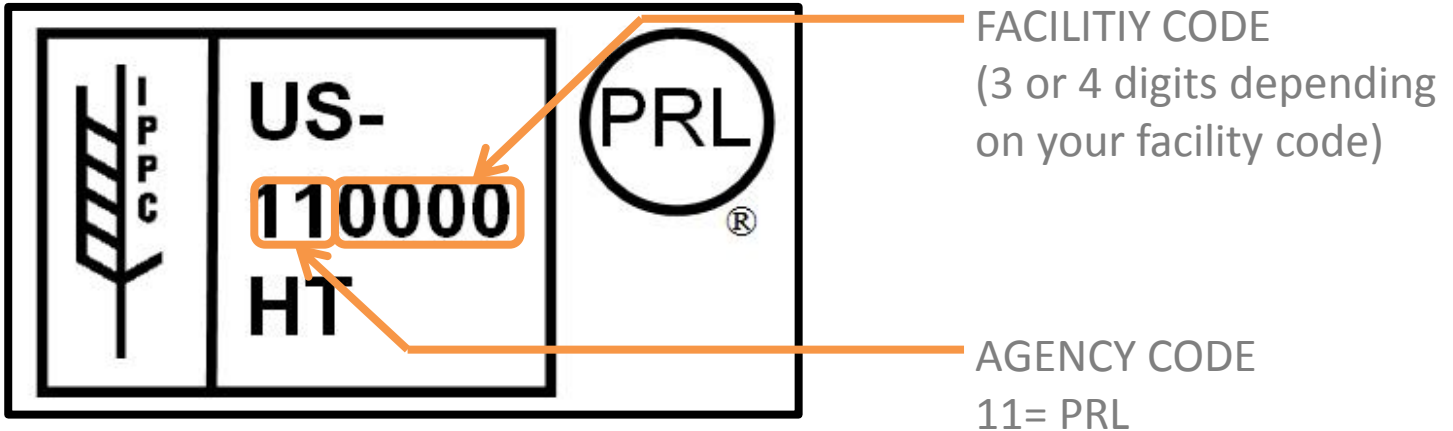
2260x1140x110
Stringer Pallet
4 way entry
Certified Heat Treated

Pallets must be a full perimeter 4 way entry block pallets. Unit load footprints exceeding 1490mm (59”) in length must use a stringer style pallet, no exceptions. Alternate dimensions other than listed are NOT acceptable. Corrugated or alternate pallet materials are not acceptable unless approved by packaging engineering. Supplier’s wooden packaging must comply with the ISPM 15 standards when packaging material for shipping to all overseas countries and within North American. Suppliers must investigate all phytosanitary requirements and comply with any additional regulations that is specific to the country they are shipping to.

- These regulations also affect emergency expendable shipments, so even if you are currently using durable, you also need to comply with your emergency shipment with Phytosanitary rules.
- Treated wood packaging material must be marked with an official stamp identifying the type of treatment used (DB-HT or DB-MB), the ISO country code where applied e.g. GB, DE etc. and the registration number of the body which applied it. (See sample mark and definition of terms using links provided below). The wood packaging supplier is responsible for marking.
- Please note that the label should be outlined with border, as this is a mandatory requirement for certain regions (see below acceptable examples).
- The treatment and marking requirements will not apply to wood packaging material (WPM) comprised wholly of processed wood such as plywood, fiberboard or similar products prepared using high-temperature, high-pressure process. Please note, however, that WPM such as this is still susceptible to infection post-production if handled or stored improperly.
- Note: Heat treating pallets with steam is not an acceptable process for ISPM15 compliance.



EXAMPLE OF ACCEPTABLE ISPM15 MARKING:



15. UNIT LOAD CONSOLIDATION AND SHIPPING REQUIREMENTS

Once the optimum overseas carton has been selected and is approved for your part - it is critical that you prepare and consolidate the cartons in the correct manner for shipment:

1. Unit loads must be constructed in accordance with FF requirements listed in this manual.
2. Pallet bases must conform to the specification
3. The following general shipping guidelines must also be adhered to:
 - Each carton must at least be labeled with FF standard shipping part number labels on two adjacent sides in the upper right hand corner. For IMC cartons where height is less than 240mm the chosen label data format must be used but the label must be reduced to fit onto the side of the carton.
 - Maximum height of any unit load must not exceed 1100mm unless approved by Packaging Engineering. Reference section 8, 9, and 10 to determine the appropriate maximum quantity of IMC boxes allowed on a pallet.
 - Carton flaps must be completely sealed with tape or spot gluing. Kraft paper tape is preferred over plastic tape to assist in carton recyclability.
 - All IMC Unit Loads must be designed for double stacking of the same weight for domestic shipments and triple stacking for warehousing purpose. Any deviation requires approval from the FF Packaging Engineer.
 - All modular carton loads must be secured to the pallet with plastic banding and/or clear plastic stretch wrap. A minimum of four bands are highly recommended to avoid carton shifting during transit. For safety reasons, under no circumstances should steel banding be used. If stretch wrap is used, several rotations around the base of the pallet are required to avoid carton shifting.



16. BANDING REQUIREMENTS

INCORRECT
Banding under
pallet base
(restricts fork access)



CORRECT

INCORRECT
Ensure sufficient
banding is applied
to stabilize unit load



Banding that passes completely under the pallet can be damaged by Fork Lift Trucks during handling operations and must be sufficiently tight to control the stack without creating deformation of the top carton. It is recommended that a spacer or load spreader is used on the top edges. For Asia Pacific Region, due to varied climatic conditions and temperature variances, in particular due to condensation issues, it is required to band and stretch wrap unit loads or to put poly bag over the U/L. Additional packaging elements (e.g. corner posts, cell partitions, corner boards etc.) may be required as well to strengthen the unit load stiffness.

CORRECT
sufficient banding is
applied to stabilize
unit load





17. MIXED IMC # LOADS ARE PERMITTED



CORRECT
Modular unit loads

18. PYRAMID STACKING IS NOT PERMITTED

INCORRECT
Unit loads layers can be reduced to stay with FF max UL weight requirements, but layers must remain even layers

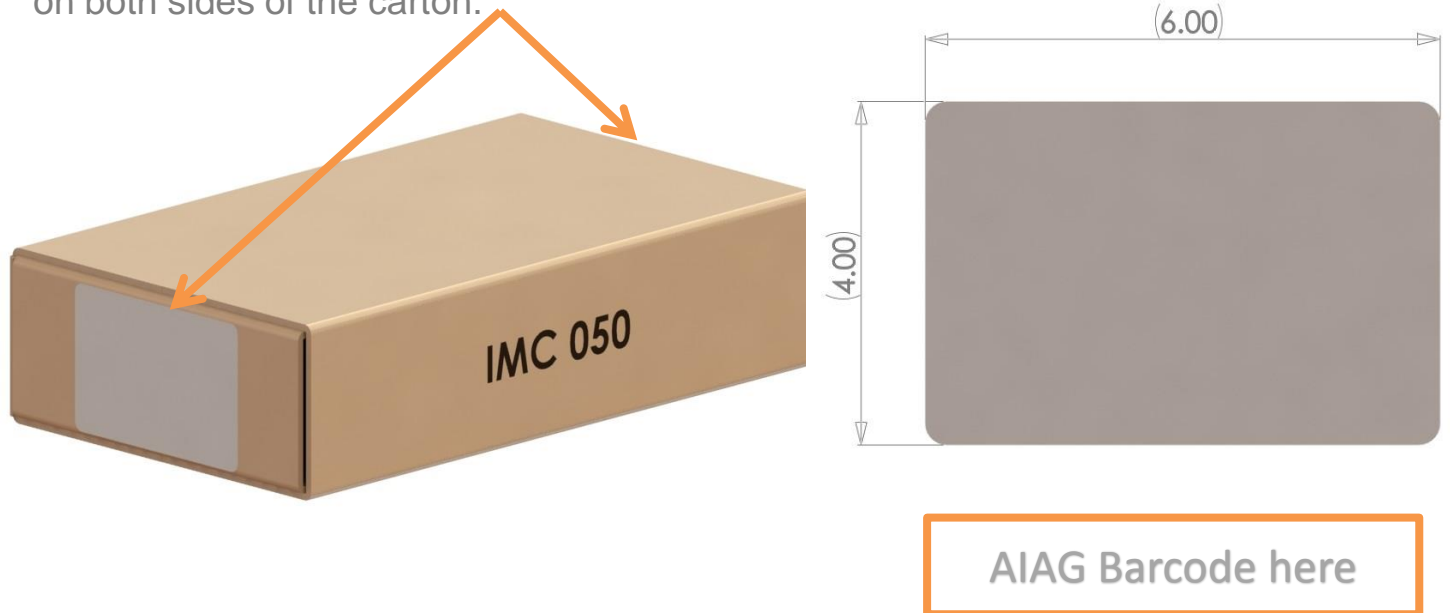




19. BAR CODE LABEL LOCATION REQUIREMENTS

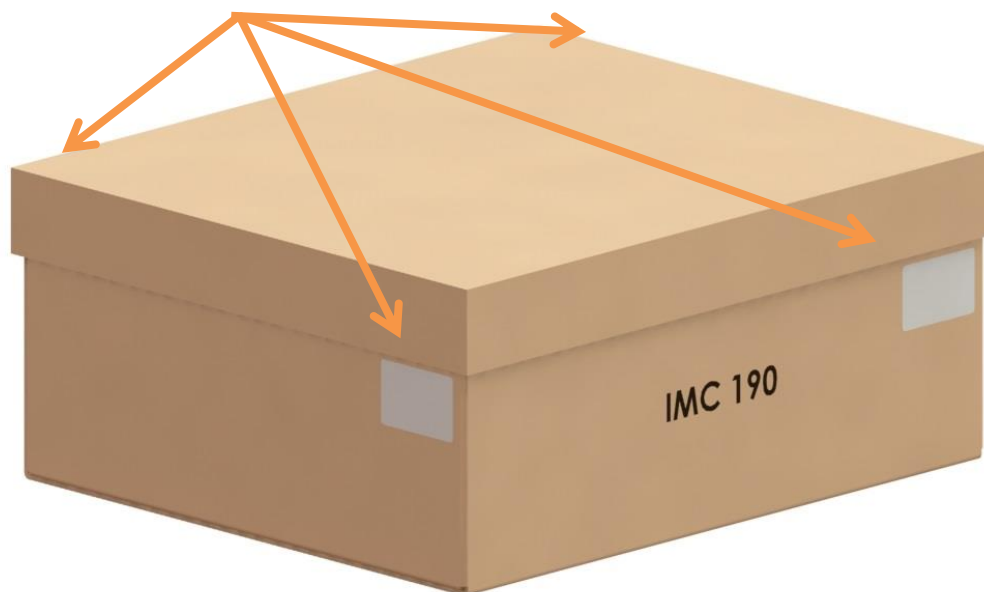
LABEL LOCATION PRINT CONFIGURATION FOR STACKABLE MULTI LAYER CARTON CONFIGURATIONS

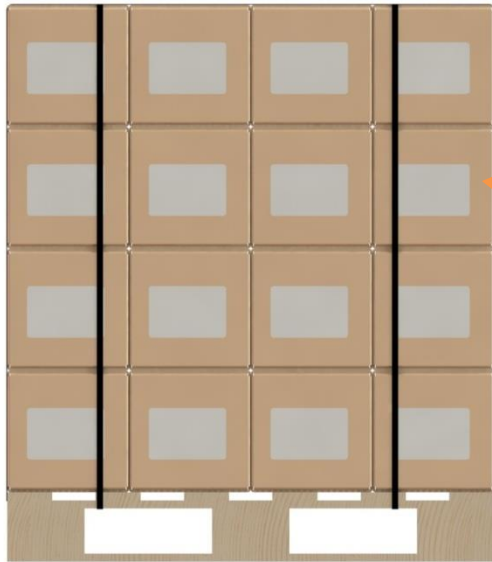
The shipping label location print is to be printed in black in the center of the short panel on both sides of the carton.



LABEL LOCATION PRINT CONFIGURATION FOR SINGLE BULK CARTONS IMC190, 205, 215, 405, 415, 420, 425, 430, 500, 510, 600, 610

The shipping label location print is to be printed in black in the right hand corner on all four side of the carton





CORRECT

Use standard (AIAG) bar-code label required. Label must be either centered or on all four corner of the box in the up right hand corner on adjacent sided of each carton (see above locations)

For appropriate part identification when packed, it is required that IMC cartons and any other overseas packaging is labeled conforming to FF Shipping Parts/ Identification Label Standard – which follows AIAG guidelines for automotive bar code package labeling. For more details please contact your FF Packaging Engineer.

20. VENDOR REIMBURSEMENT FOR RETURNABLE SHORTAGE

Section 20 applies ONLY to suppliers who are to normally ship in agreed upon returnable packaging. Reimbursement for suppliers who experience significant shortages of Faraday & Future returnable container fleets due to material orders that exceed the planned fleet size.

Qualification Requirements:

- Expendable packaging must be FF IMC (International) compliant and engineered to replicate the part orientation, conveyance and container density of the normal returnable container.
- ALL exceptions to the FF IMC standards must have documented pre-approval by FF Packaging Engineering.
- Vendor must have documented concurrence from their FF Planner and Buyer that material requirements exceeded fleet capabilities.
- Expendable invoices must be submitted on a monthly basis within 30 days of the usage.
- Invoices must include the associated FF Shipment Numbers on commodities with FF managed freight.



Important Program Information:

- Parts normally shipped via FF IMC recyclable packaging are not included in this program; FF policy dictates that normal recyclable packaging be included in material cost and is paid on a per unit basis with material orders.
- Expendable packaging unit cost will not be reimbursed at above FF recommended packaging vendor blanket pricing levels for IMC containers.
- Invoices submitted to FF more than 30 days after the month of shipment will not be reimbursed. Payment terms are net 90 from receipt of invoice and supporting information described above.
- This program is intended to support significant returnable fleet shortfalls; Support for bank builds, packaging obsolescence, or run ahead actions should be negotiated with the FF Buyer.

21. CORROSION PREVENTION OVERVIEW

Corrosion can be caused by various circumstances, which may have no direct influence or obvious impact. Many of these circumstances are inherent to manufacturing, handling and shipping processes. Environmental conditions can play a critical role in the manifestation of corrosion by accelerating any caustic elements on the part surface. Thus, it is critical the appropriate measures be considered when developing a corrosion inhibiting system for domestic shipments. Corrosion inhibiting materials, such as Volatile Corrosive Inhibitor (VCI), must be used where rusting and corrosion is a risk. When developing a corrosion inhibiting system for your components, it is recommend the following measures be considered: component material properties (ferrous steel, etc.), part surface cleanliness and dryness (pack only dry and clean parts), part temperature (if possible, look to insure parts are ambient temperature before packaging), handling process (wear clean, lint free gloves when handling parts) and environmental conditions of the supply chain (temperature, humidity, volatility of climate conditions, storage conditions, transportation mode, etc.). Look to prevent part to wood, paper or corrugate contact to prevent acidic contamination that can cause corrosion. Suppliers who are in need for support to establish the appropriate corrosion protection method may address a third party who specializes in corrosion management/protection products and services, or their FF packaging engineer. Some regions can provide an awareness guide for corrosion protection, which can give you an introduction to this subject but you have to consider: The selection of best suited corrosion prevention method for ensuring component quality till the point of use remains with you - the supplier of the product. Please utilize Zerust (FF preferred) as your supplier of VCI packaging materials.



IMC Zerust Bag Sizes

TABLE 1 HANDHELD ZERUST BAG SIZES

IMC CARTON #	EXTERIOR DIMENSIONS L x W x H (mm)			TARE WEIGHT kg. (lbs.)	BURST STRENGTH (lbs.)	MAX WEIGHT PER BOX kg. (lbs.)	ZERUST BAG DIMENSIONS L x W x H (in)			Thickness (Mil)
IMC030	280	240	120	0.2 (0.4)	275 #	15 (33)	15	13	11	2
IMC040	280	240	240	0.2 (0.4)	275 #	15 (33)	20	13	11	2
IMC045	280	240	310	0.2 (0.4)	275 #	15 (33)	23	13	11	2
IMC047	280	240	480	0.3 (0.7)	275 #	15 (33)	32	13	11	2
IMC050	480	280	120	0.4 (0.9)	275 #	15 (33)	17	20	13	2
IMC060	480	280	240	0.8 (1.8)	275 #	15 (33)	24	20	13	2
IMC070	560	240	120	0.4 (0.9)	275 #	15 (33)	15	24	11	2
IMC080	560	240	240	0.5 (1.1)	275 #	15 (33)	22	24	11	2
IMC090	560	480	120	1.1 (2.4)	275 #	15 (33)	27	24	20	2

TABLE 2 DOUBLE WALL ZERUST BAG SIZES

IMC CARTON #	EXTERIOR DIMENSIONS L x W x H (mm)			TARE WEIGHT kg. (lbs.)	BURST STRENGTH (lbs.)	MAX WEIGHT PER BOX kg. (lbs.)	ZERUST BAG DIMENSIONS L x W x H (in)			Thickness (Mil)
IMC100	560	480	240	1.3 (2.9)	400 #	15 (33)	31	24	20	2
IMC110	560	480	480	1.8 (4.0)	400 #	15 (33)	43	24	20	2
IMC120	960	560	120	1.9 (4.2)	400 #	15 (33)	32	40	24	2
IMC130	960	560	240	2.7 (5.9)	400 #	15 (33)	37	40	24	2
IMC140	960	560	480	3.3 (7.3)	400 #	15 (33)	46	40	24	2
IMC150	1120	480	120	1.7 (3.7)	400 #	15 (33)	29	47	20	2
IMC160	1120	480	240	2.4 (5.3)	400 #	15 (33)	34	47	20	2
IMC170	1120	480	480	3.3 (7.3)	400 #	15 (33)	43	47	20	2
IMC175	1120	960	310	10.2 (22.5)	400 #	15 (33)	55	39	48	2
IMC190	1120	960	480	9.4 (20.7)	400 #	136 (300)	62	48	39	3

TABLE 3 TRIPLE WALL ZERUS BAG SIZES

IMC CARTON #	EXTERIOR DIMENSIONS L x W x H (mm)			TARE WEIGHT kg. (lbs.)	BURST STRENGTH (lbs.)	MAX WEIGHT PER BOX kg. (lbs.)	ZERUST BAG DIMENSIONS L x W x H (in)			Thickness (Mil)
IMC205	1120	480	480	5.2 (11.5)	1100 #	90 (200)	43	47	20	3
IMC215	1120	960	960	12.5(27.6)	1100 #	500 (1100)	81	48	39	4
IMC405	1450	560	310	5.1 (11.2)	1100 #	90 (200)	39	60	24	3
IMC415	1450	560	480	5.8 (12.8)	1100 #	90 (200)	46	60	24	3
IMC425	1450	1120	310	11 (24.3)	1100 #	90 (200)	61	61	46	3
IMC420	1450	1120	960	15.8(34.8)	1100 #	500(1100)	87	61	46	4
IMC430	1450	1120	480	13 (28.7)	1100 #	136(300)	68	61	46	3
IMC500	1720	1120	310	12.2(26.9)	1100 #	90 (200)	61	71	46	3
IMC510	1720	1120	480	14.3(31.5)	1100 #	136 (300)	68	71	46	3
IMC600	2240	560	480	9.1 (20)	1100 #	90 (200)	46	92	24	3
IMC610	2240	1120	480	16.8 (37)	1100 #	136 (300)	68	92	46	3



22. FINAL IMC PACKAGING CHECKLIST

To ensure that you have used these Packaging Guidelines correctly please use the following checklist to tick off that all key steps have been undertaken. Compliance with this checklist does not relieve you from the other obligatory content of these packaging terms and conditions but shall give you an overview on key steps.

1. Did you obtain and read the latest IMC Packaging Terms and Conditions document?
2. Did you select a provisional domestic packaging specification using the guidelines, and the table of available IMC cartons?
3. Did you complete a FF Supplier Packaging Proposal and submit to FF Buyer and FF Packaging Engineering for provisional approval?
4. Did you receive a 'provisional approval' for this proposal by FF?
5. Did you use the appropriate printing, pallet base, and labels to be used when shipping this packaging?
6. Did you select the appropriate supplier(s) that can provide each of the above and can support your shipping volumes and dates?
7. Did you select a packaging supplier that can provide the approved carton to the performance specification detailed in Table 1, 2, and 3?
9. Did you select the appropriate corrosion protection method been selected to ensure part quality?
10. Has appropriate training for warehouse staff been considered to ensure that consolidation and shipping guidelines are complied with.
11. Did you document any internal processes to ensure that domestic shipments are always shipped to the approved specification?
12. Did you inform FF, Inc. regarding your first compliant shipment for audit and evaluation?
13. If you proposed a returnable container solution did you note on FF Supplier Packaging Engineering in addition to providing expendable plan?



23. FF IMC PACKAGING - FREQUENTLY ASKED QUESTIONS

Who is responsible for implementing IMC packaging?

It is the supplier's responsibility to work with their corrugated box and pallet sources to develop packaging, including interior dunnage, that will provide adequate strength, allow safe handling, and ensure product quality to the point of use.

Why are IMCs required for overseas shipments?

The FaradayFuture IMC worldwide overseas-packaging standard is required for all shipments that cross the ocean on ISO-Sea Containers in order to standardize consolidation packaging methods, maintain quality, maximize freight cube utilization, and to ensure that packaging is acceptable and adaptable to local market conditions. IMC's are quickly becoming an overseas method for shipping automotive parts.

What are the key IMC requirements?

Outside carton dimensions must conform to the FF specified IMC sizes, IMC ID number printed on two sides of carton, IMC block pallet and handholds are used in accordance to the guidelines.

How do I obtain updated copies of the latest IMC documentation?

The location will be provided upon release of the (planned) FF Supplier Portal or contact LogisticsPackaging@faradayfuture.com

Which overseas destinations require IMC packaging?

All overseas shipments (APAC or EU region) require IMC packaging.

DUNNAGE, PALLETS, BOX STRENGTH, QUANTITIES

What dunnage (corner posts, cell dividers, bags, foam, VCI, etc.) is required?

It is the suppliers' responsibility to determine the appropriate dunnage needed to ensure quality.

Can I use alternative pallet materials, designs, or sizes?

No, all pallets must be made of wood. Corrugated and plastic pallets are not allowed for overseas shipments. All standard IMC sizes must be shipped on the IMC 1140mm x 980mm x 110mm; 39" x 45" x 4.5" block pallet, and must meet the International Plant Protection Convention (IPPC) ISPM15 specification; go to the web sites indicated in the document for details.



Are IMC pallets required if I'm only shipping a few boxes?

Yes, all overseas shipments are required to ship on the IMC specified block or stringer pallet.

What if our parts are too heavy for the standard IMC boxes?

Suppliers that exceed the FF Packaging Engineering recommended weight limits are required to add additional strength to the carton in terms of increased board grade, corrugated box design, dunnage, or corner posts, etc. Remember, the responsibility for ensuring component quality from your plant to the point of use remains with you – the supplier of the product. It is the suppliers' responsibility to work with their corrugators to determine the appropriate packaging strengths to apply to IMC boxes. If board grade is increased (i.e. from double wall to triple wall) remember that the outside dimensions must continue to meet the IMC specified dimensions. In other words, as board grade increases, the inside dimensions will decrease while the outside dimensions must stay the same.

How do I determine an appropriate standard carton quantity?

Standard packaging quantities need to be established based on the following principles: annual estimated volume for the program, line feed requirements, right sizing principles, weight limit requirements, and optimum carton density rather than a specific quantity limit.

What if I can't achieve 95% cube utilization within the carton?

Faraday Packaging Engineering understands that dictated carton sizes do not accommodate all parts. If you are having trouble selecting an IMC pack that optimizes density please contact FF Packaging Engineering. Digital photos of your part, current packaging, and proposed packaging are often required for Faraday to evaluate your situation.

What if my overseas releases have large fluctuations?

Since there are often large fluctuations in release quantities for overseas part-by-part programs, IMC standard pack quantities need to be defined to accommodate your average overseas release quantity.

Once a standard pack quantity is defined, what if I get an order for fewer pieces?

Once a standard pack is defined, all shipments must be made to accommodate a minimum of one carton. In case of any phase out or pre build shipment the release quantity may be less than the carton pack quantity and needs to be shipped as per release.



What if my unit load quantity exceeds the average weekly requirements?

Your packaging specification must be submitted based on a full unit load quantity. However, your release quantity will be in either carton, layer or unit load quantities.

IMC PRINTING

Why do I have to print the IMC number on the box?

The IMC number is used by FF consolidation centers to sort IMC and non-IMC material. The number is then used to determine the appropriate cubing method to apply when building up unit loads.

Should the IMC number be printed on adjacent or opposite sides of the carton?

Refer to section

How large does the IMC printing have to be?

Refer to Section 7 details.

What is the purpose of submitting supplier data via (planned) FF PACKAGING APPROVAL SYSTEM?

The data is used by FF Packaging Engineering to evaluate if your proposed dimensions and weights are in line with the IMC strategy. If these characteristics are in line with the guidelines "provisional or final approval" will be granted. Until portal is implemented – utilize FF Supplier Packaging Proposal Form and email to

LogisticsPackaging@faradayfuture.com

If FF approved my packaging specification and it fails during implementation is it Faraday's responsibility to correct?

No, approval means that FF Packaging Engineering agrees that your overseas packaging proposal meets FF box dimensions and weight limit requirements. It is the suppliers' responsibility to ensure that the appropriate board grades, dunnage, corrosion protection is implemented to ensure quality.

PACKAGING PERFORMANCE TESTING

Is IMC packaging testing required prior to implementation?

Testing is only required as needed. Unless otherwise directed by FF it is up you, the supplier, to determine the amount and types of testing that will be needed to ensure quality shipments to overseas markets.



How do I conduct testing?

As the supplier, you are the expert on your specific parts sensitive features. It is up to the supplier to determine the appropriate testing methods and work with your preferred testing labs to adequately test overseas packaging for ocean shipments as needed.

TRIAL SHIPMENTS

How should I conduct a trial shipment?

Contact FF Packaging Engineering to coordinate proper delivery to FF for review.

IMC SPECIAL CASE DESIGN

What if all IMC sizes don't accommodate my part, when is a Special Case IMC allowed?

Special Case ISO-Modular Cartons are only allowed when none of the IMC sizes will meet the unique needs of specific parts. Remember, the primary objective of the IMC program is to facilitate direct material loading into the ISO-Sea container. This means that you must select the appropriate packaging material and dimensions to ensure stack ability within the ISO-Sea container. The 45" or 90" width is the most critical dimension due to the fact that the width dimension of an ISO-Sea Container is 90". This dimension must be held in order to load cartons side by side in an ISO-Sea Container. The 43"/1100mm maximum unit load height is second critical dimension because of the ISO-Sea Container usable opening of 86". The length is least critical dimension is of the carton. Try to design the length (in inches) as close to 38, 51, 57, 66, 77, and 89 as possible. All Special Case IMC Sizes must be approved by FF Packaging Engineering.

What are the IMC Special Case Printing requirements?

IMC cartons need to be labeled with the appropriate IMC number. Any Special Case cartons must substitute the required ISO-Modular Carton Number with the letters "SC" (Special Case). Example: IMC200 to IMC-SC

SPECIAL PACKAGING DESIGN

What if my parts require packaging other than corrugated carton?

If your part requires special packaging please contact your FF Packaging Engineer to discuss and select another alternative (e.g. returnable container, expendable steel rack, wood crate, etc). If the alternative pack requires a different commercial agreement this must be approved by the FF Buyer prior to packaging approval.



COMMERCIAL ISSUES

Is there a FF preferred source to procure IMC boxes and pallets?

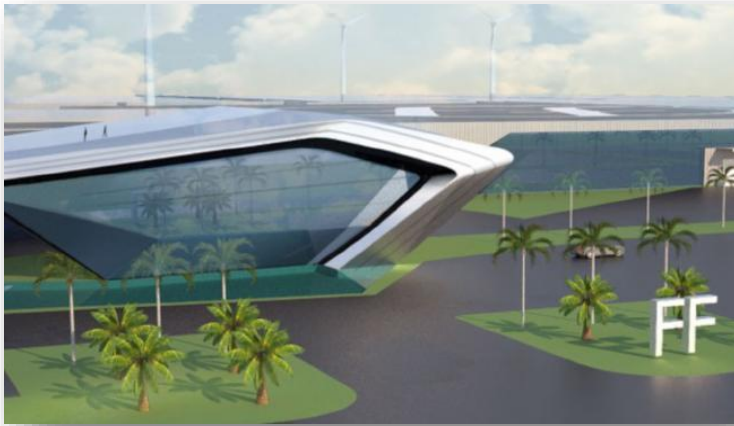
There are specialized packaging companies who can provide you with IMC standard cartons, IMC special case cartons, pallets and accessories for your packaging. Contacts for some of these packaging companies can be found in Section 24.

Is there a FF preferred source to procure VCI for Rust sensitive parts?

Please utilize NTI for all packaging required for VCI parts.

What if there are commercial issues regarding implementation of IMCs?

All commercial issues must be handled through your designated FF Buyer. The IMC program has the support of FF Supply Chain Mgt.





24. CONTACTS & IMC PACKAGING SOURCES

FF EUROPE and ASIA PACIFIC PACKAGING SUPPLIERS

Please e-mail LogisticsPackaging@faradayfuture.com for any packaging related questions or concerns.

MARKET	SUPPLIER	NAME	ADDRESS	E-MAIL	PHONE
E.U.	Tri-Wall	Stefan Boom	Tri-Wall Europe Treubstraat 17, Rijswijk Zh The Netherlands	stefan.boom@tri-wall.eu	-993782
		Sarah Thomas	77 Wonastow Road, Monmouth, Monmouthshire, NP25 5TW, United Kingdom	sarah.thomas@tri-wall.eu	+44 (0) 1600- 775704
E.U.	Northern Technologies VCI Rust Inhibitor	Frank Hoebener	Vezirciftligi Mah. Basyigit Cad. No:210 Kullar - Basiskele / Kocaeli Turkey	emrah.ozgen@tri-wall.eu	-4644955
APAC	Tri-Wall	Viki Wu	Rm.A5,20F, Jiangsu Building, No.528, Laoshan Road,Pudong, Shanghai, 200122, China	viki@tri-wall.com.cn http://tri-wall.com.cn	Tel: 86-21- 3375 8856 Fax: 86-21- 3375 4100 Mobile: 86- 13915832231
APAC	Zerust a Division of NTIC	Mark Roberson	Sales	mroberson@ntic.com	(913) 461- 3033

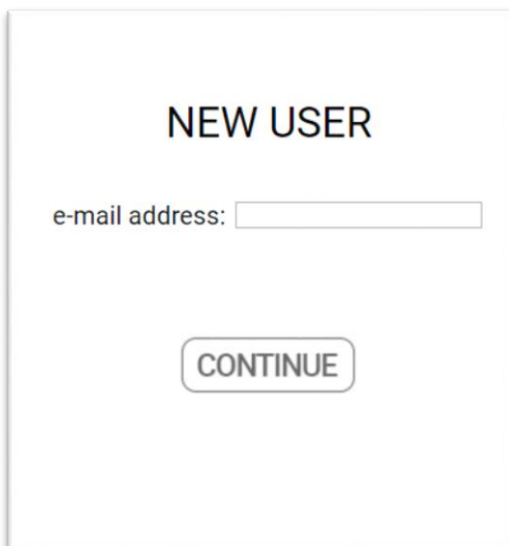
*Preferred suppliers utilize existing tooling which may reduce total cost. Supplier may use existing packaging supplier if all specifications can be met at an equal or lower cost



25. PACKAGING DATABASE INSTRUCTIONS ATTACHMENT A

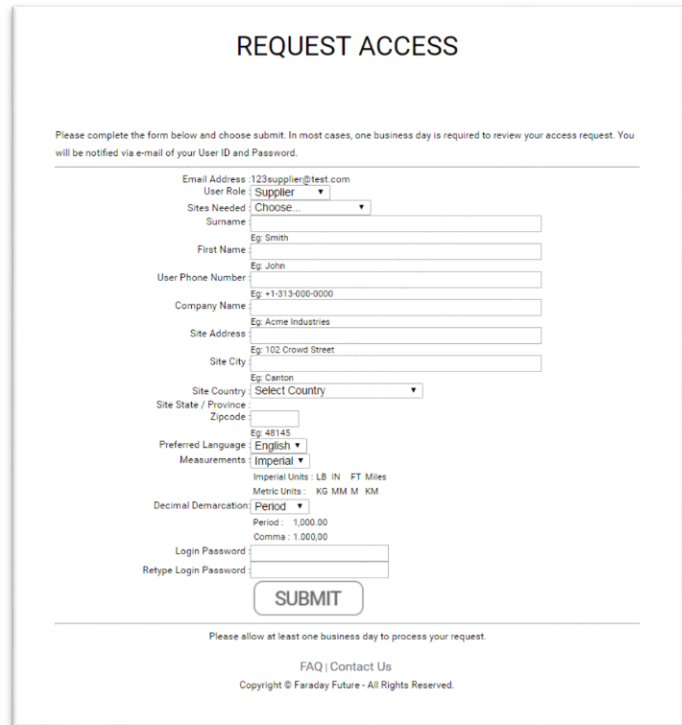
Instructions

1. How to Get a Login



NEW USER

e-mail address:



REQUEST ACCESS

Please complete the form below and choose submit. In most cases, one business day is required to review your access request. You will be notified via e-mail of your User ID and Password.

Email Address: 123supplier@test.com
User Role: **Supplier** ▼
Sites Needed: Choose... ▼
Surname:
First Name:
User Phone Number:
Company Name:
Site Address:
Site City:
Site Country: Select Country ▼
Site State / Province:
Zipcode:
Preferred Language: English ▼
Measurements: Imperial ▼
Imperial Units: LB IN FT Miles
Metric Units: KG MM M KM
Decimal Demarcation: Period ▼
Period: 1,000.00
Comma: 1,000.00
Login Password:
Retype Login Password:

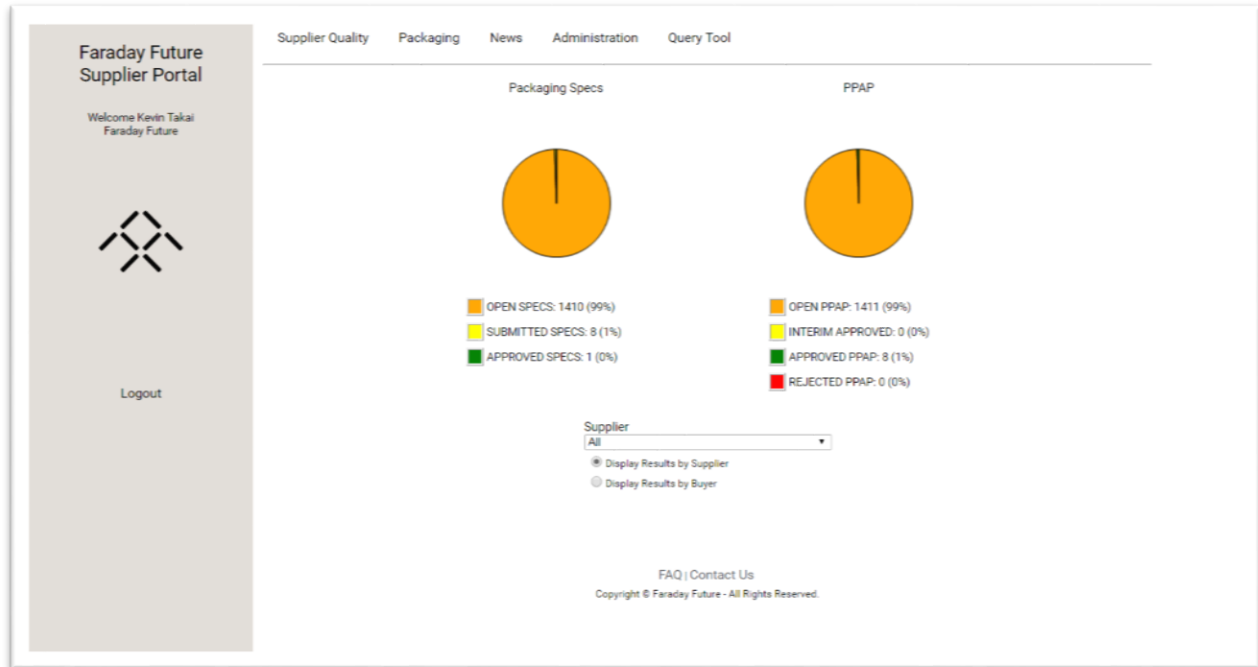
Please allow at least one business day to process your request.

[FAQ](#) | [Contact Us](#)
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- Type in your e-mail address, click “CONTINUE”.
- In the Request Access window, you need to choose the user role as “Supplier”.
- Please fill in your information as required, and set a password to create your user Login, click “SUBMIT”.
- Your request will be sent to the FF Logistics Packaging Team for approval.



2. Home Page



- On the home page, a supplier will have access to five drop down boxes: Supplier Quality, Packaging, News and Administration.
- The pie charts on the home page demonstrate the percentage of packaging specifications and PPAP that are still open, have been submitted and have been approved.
- Packaging Specs function is where you can complete open packaging specifications and parts that have already been submitted or approved.
- The PPAP/Dimensional Data section on the Supplier Quality Tab is the section where Suppliers can upload documents and certs
- News will be the function where notifications from Faraday Future will be posted.
- The Administration function is where a user can update their profile, find the answers for Frequently Asked Questions and Contact the Faraday Future Admin team.



3. Packaging Specs

Packaging News Administration

Packaging Documents

Supplier Open Specification

Submitted / Approved Specifications



Open Packaging Specifications

Instruction : Below is a listing of part numbers requiring a Packaging Specification to be submitted. When a part number is selected below, the Packaging Specification submission page is displayed. This page allows all data to be entered for the chosen part number along with the options of copying data from a previously submitted Packaging Specification and/or applying the entered data to various part numbers.

Search Query

Part Number :

Supplier Site Code :

Part Class :

SUBMITTED/APPROVED PACKAGING SPECS

Part Number

Part Class

Supplier Code

Further Actions

- In the Packaging drop down, you'll find Packaging Documents, Open and Submitted/Approved Specifications.
- By clicking Open Specifications, parts that require a packaging specification to be submitted will be listed.
- The list of open specs can be exported by clicking the "Export to Excel" button located on the bottom left corner of the page.
- By clicking Submitted/Approved Specifications, you can track the status of your submitted specs.



4. Open Packaging Specs

PART NUMBER - P-00547522
PART DESCRIPTION - Park Gear

Copy Data From Submitted Part :
Part Number :

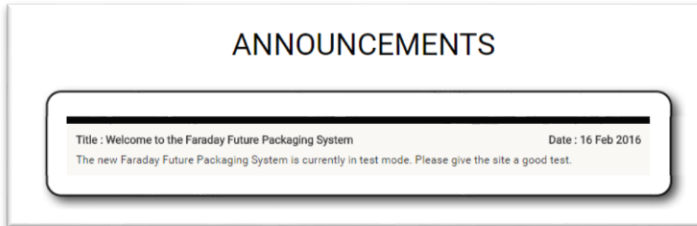
(*)Marked fields are mandatory. Warning- by pressing this button, you will be submitting this form.

Step 1: Information	Step 4: Unit Load Component Density
Vehicle Program(s): <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	Palletization Material: <input type="text" value="Choose"/> *
Annual Vehicle Volume x <input type="checkbox"/> TBD Parts per Vehicle: <input type="text" value=""/> *	Pallet Size: <input type="text" value="Choose"/>
Packaging Currency: <input type="text" value="Choose"/> *	Load Securement Method: <input type="text" value="Choose"/> *
Packaging Cost/PC: <input type="text" value="0.0000"/>	Unit Load Length: <input type="text" value="0.000"/> in *
Buyer: <input type="text" value=""/>	Unit Load Width: <input type="text" value="0.000"/> in *
Plant Code: <input type="text" value="LV01"/>	Unit Load Height: <input type="text" value="0.000"/> in *
	Containers Per Layer: <input type="text" value="Choose"/> *
	Layers Per Unit Load: <input type="text" value="Choose"/> *
	Containers Per Unit Load: <input type="text" value=""/>
	Unit Load Density: <input type="text" value=""/> Pieces
	Unit Load Gross Weight: <input type="text" value="0.000"/> lb *
	Tare Weight: <input type="text" value="0.000"/> lb
	Max. Stackability during transport: <input type="text" value="0"/> in *
	<input type="text" value="Please Select"/> Layer(s)

- To submit a spec for a selected part number, all required information should be filled out properly (identified by a red asterisk*).
- When completing the required information, please refer to the IMC / FMC guidelines to ensure you are adhering to the FF packaging standards.
- Greyed-out boxes are calculations or not required
- Photos of the proposed packaging are required
- Once complete, click the “Save and Submit Later Button” which will take you back one screen, then click back into specification, review the submission and click “Submit Form”.
- An automatic e-mail will be provided to acknowledge that the submission has been received.



5. Announcements & Documentation



Sr. No	Packaging Document Title	Last Updated On
1	FF IMC Expendable Standards	20 May 2016
2	FF NAFTA Expendable Standards	14 Apr 2016

- In News > Announcements you can find notifications published by Faraday Future.
- In Packaging Documents any documents related to Logistics or Packaging can be found, including the Packaging Guidelines for North America (FMC), APAC & EUR (IMC).
- In Supplier Quality Documents you can find the updated release of all FF Quality Specification

6. Administration

- In Administration, a user's profile can be updated including supplier email address, phone number, language preference, measurement and numeric system.
- Password can be reset as long as the new password meets the password requirements on the page.
- Answers to FAQ can be found here and questions regarding the database can be submitted by clicking the "Contact us" button either in Administration or at the bottom of each page.

