
title: Custom Package Types

description: Shipping boxes come in all sizes. But sometimes you need one to be customized for that precious shipment. Online sellers and businesses use the ShipEngine APIs to get deep discounts on custom package types. Learn more today at ShipEngine.com.

Custom Package Types

Big, small, long, and even wide are just a handful of the custom package types ShipEngine offers with our packages API. Shipping custom packages to save money on rates is exactly what we do for our users.

For example, maybe you're a company that sells t-shirts, and nearly all of your orders get shipped in the same size box. Rather than specify the dimensions every time you ship a t-shirt, ShipEngine helps you create a custom package type called "t-shirt-box" with its dimensions. Whenever you ship a t-shirt, you just set the `package_type` to `t-shirt-box`.

Example #1

****Define a Package Type****

You'll add a custom `package_code` to define the package type.

API Endpoint

You'll send an HTTP `POST` request to `https://api.shipengine.com/v1/packages`.

Headers

The following HTTP headers will need to be included in your request:

HTTP Header	Description
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`Content-Type`	The Content-Type header specifies the media type of your API request. ShipEngine requires all requests to be in
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target="_blank">JSON format, so this header should always be set to
`application/json`.

| `API-Key` | For this header you'll need to pass your ShipEngine API key. This is how ShipEngine knows who you are. If you don't have an API key yet, read our

Request Body

The body of your HTTP request is where you specify all of the information about the shipment. You'll use the following criteria:

Field	Value
`ship_to`	Jane Doe 525 S Winchester Blvd San Jose, CA 95128
`ship_from`	John Doe 525 4009 Marathon Blvd Austin, TX 78756 555-555-5555
`package_code`	`custom_laptop_box`

Request

Copy and paste the following code into curl and tap **Enter**. Remember to put your own API key in the `_YOUR_API_KEY_` placeholder on line #3. If you don't have an API key yet, read our

...

```
curl -iX POST https://api.shipengine.com/v1/packages \  
-H 'Content-Type: application/json' \  
-H 'API-Key: _YOUR_API_KEY_' \  
-d '  
{  
  "package_code": "custom_laptop_box",  
  "name": "laptop_box",  
  "dimensions": {  
    "unit": "inch",
```

```
"length": 15,  
"width": 20,  
"height": 5  
},  
"description": "Packaging for laptops."  
}'
```

...

****Response****

The response returns the defined package type.

...

HTTP/2 200

date: Wed, 18 Sep 2019 21:04:12 GMT

content-type: application/json; charset=utf-8

content-length: 248

access-control-allow-origin: https://www.shipengine.com

vary: Origin

x-shipengine-requestid: 796a86c3-0f6d-4ad0-a51b-f03bf6b1fc90

```
{  
  "package_id": "se-101979",  
  "package_code": "custom_laptop_box",  
  "name": "laptop_box",  
  "dimensions": {  
    "unit": "inch",  
    "length": 15.0,  
    "width": 20.0,  
    "height": 5.0  
  },  
}
```

...

Example #2

****List Package Types****

This example will return the package type information like the `package_id`, `package_code`, and the `dimensions`.

API Endpoint

Send an HTTP `GET` request to `https://api.shipengine.com/v1/packages`.

****Request****

Copy and paste the following code into curl and tap ****Enter****. Remember to put your own API key in the `_YOUR_API_KEY_` placeholder on line #2.

...

```
curl -iX GET https://api.shipengine.com/v1/packages \  
-H 'API-Key: _YOUR_API_KEY_'
```

...

****Response****

The response returns the defined package type.

...

HTTP/2 200

date: Wed, 18 Sep 2019 21:54:39 GMT

content-type: application/json; charset=utf-8

content-length: 327

access-control-allow-origin: https://www.shipengine.com

vary: Origin

x-shipengine-requestid: 90e2f7c5-912c-4d53-b5ea-f05aab473211

```
{  
  "packages": [  
    {  
      "package_id": "se-101979",  
      "package_code": "custom_laptop_box",  
      "name": "laptop_box",  
      "dimensions": {  
        "unit": "inch",
```

```
"length": 15.00,  
"width": 20.00,  
"height": 5.00  
},  
"description": "Packaging for laptops."
```

...

Example #3

****Delete a Package Type****

When you delete a package type, it won't change existing shipments, just future ones. Nor will it appear when listing your packages.

API Endpoint

Send an HTTP `DELETE` request to
`https://api.shipengine.com/v1/packages/:package_id`.

****Request****

Copy and paste the following code into curl and tap ****Enter****. Remember to put your own API key in the `_YOUR_API_KEY_` placeholder on line #2.

...

```
curl -iX DELETE https://api.shipengine.com/v1/packages \  
-H 'API-Key: _YOUR_API_KEY_'
```

...

****Response****

A successful response will return `HTTP Status 204, No Content`.

...

```
HTTP/2 405  
date: Wed, 18 Sep 2019 22:57:33 GMT  
content-type: application/json; charset=utf-8  
content-length: 82
```

access-control-allow-origin: https://www.shipengine.com

vary: Origin

x-shipengine-requestid: 4ef90b89-db59-4b4b-9e62-143cfdfb21bc

{

"message": "The requested resource does not support http method 'DELETE'."

...