



**DTDC Shipping Label API WS.
(for E-commerce, GS, LTL &
Express based Customer)
Ver. 2.0**

Introduction:

This API allows you to generate shipping labels for your packages. You can choose to receive the label in PDF format or as a Base64 encoded string.

Base URL: Replace <API_BASE_URL> with the actual base URL provided below.

Live environment : <https://pxapi.dtdc.in>

Staging environment : <https://alphademodashboardapi.shipsyo.io>

Endpoint : <base_url>/api/customer/integration/consignment/shippinglabel/stream

Method: GET

Authentication: Authentication is done using an API key. Include the API key in the request headers as follows:

```
--header 'api-key: YOUR_API_KEY'
```

Request Parameters:

- **reference_number** (Required): The unique reference number assigned to the shipment within Shipsyo.
- **label_code** (Required): The specific code for the type of shipping label you want to generate.
- **label_format** (Optional, defaults to pdf): The format of the downloadable label.

Supported Label Codes: The following are the supported label codes along with their descriptions:

Label Description	label_code
Shipping Label A4	SHIP_LABEL_A4
Shipping Label A6	SHIP_LABEL_A6
Shipping Label POD	SHIP_LABEL POD
Shipping Label 4x6	SHIP_LABEL_4X6
Routing Label A4	ROUTE_LABEL_A4
Routing Label 4x4	ROUTE_LABEL_4X4

Invoice Print (for International orders only)	INVOICE
Address Label A4 (for Document)	ADDR_LABEL_A4
Address Label 4x2 (for Document)	ADDR_LABEL_4X2

Supported Label Formats:

- **pdf**: Generates a downloadable PDF file containing the shipping label.
- **base64**: Returns the label data as a Base64 encoded string, which can be decoded and used within your application.

Curl Examples:-

Generate PDF Label:

```
curl --location
'https://pxapi.dtdc.in/api/customer/integration/consignment/shippinglabel/strea
m?reference_number=<awb_no>&label_code=SHIP_LABEL_4X6&label_format=pdf' \
--header 'api-key: <api-key>'
```

Generate Base64 Encoded Label:

```
curl --location
'https://pxapi.dtdc.in/api/customer/integration/consignment/shippinglabel/strea
m?reference_number=<awb_no>&label_code=SHIP_LABEL_4X6&label_format=base64' \
--header 'api-key: <api-key>'
```

Curl Explanation:

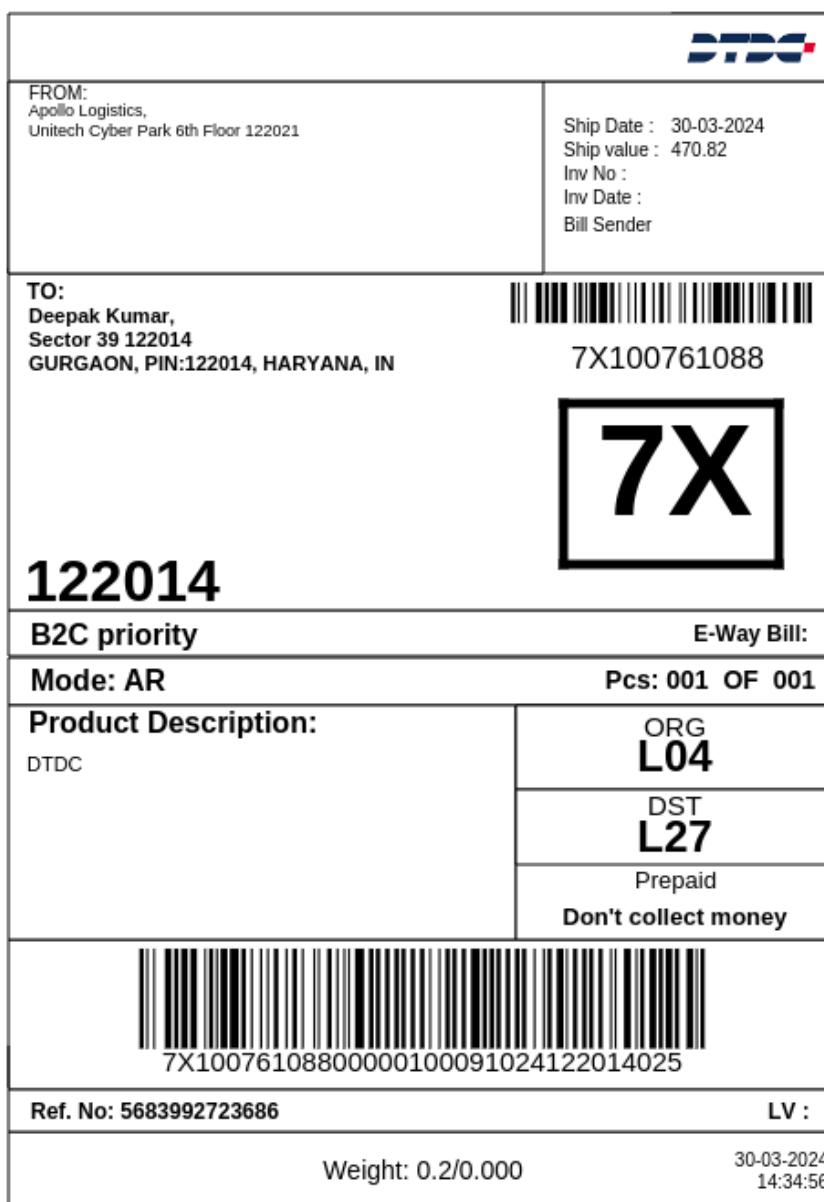
- **reference_number=<awb_no>**: This parameter specifies the reference number of the shipment for which you want to generate a label. Replace **<awb_no>** with your actual AWB/shipping/reference number.
- **label_code=SHIP_LABEL_4X6**: This parameter specifies the code for the desired shipping label format. In this example **SHIP_LABEL_4X6** is used, indicating a **4" x 6"** label. Refer to above documentation for available **label_code** options.
- **label_format=pdf** or **label_format=base64**: This parameter specifies the format of the downloadable label.

Response:

- **PDF Format:** The response will be the raw PDF data of the generated shipping label. You will need to save this data to a pdf file using an appropriate method depending on your programming language or environment.

Sample_Labels:-

1. SHIP_LABEL_4X6



2. SHIP_LABEL_A4 / SHIP_LABEL_A6 / SHIP_LABEL_POD

 <p>DTDC Express Limited Regd. Office No. 3, Victoria Road Bengaluru - 560047 Karnataka</p> <p>Consignor's Name: Apollo Logistics Consignor's Address: Unitech Cyber Park, 6th Floor, Gurugram, Haryana, 122021 GSTIN No.: Phone: 0000000000 Email:</p> <p>Content Specification : OTHERS Declared Value: 470.82 No Of Pieces: 1 Paperwork Enclosed: Actual Weight: 0.2 Kgs I/We declare that this consignment does not contain personal mail, cash, jewellery, contraband, illegal drugs, any prohibited items and commodities which can cause safety hazards while transporting</p> <p>Sender's Signature & Seal I have read and understood terms & conditions of carriage mentioned on website www.dtdc.in, and I agree to the same.</p> <p>http://www.dtdc.in customersupport@dtdc.com +91-7305770577</p>		Origin: Gurugram	Dest: Gurugram
		PRODUCT: B2C PRIORITY	Type: NON-DOCUMENT
		Customer Ref No: 5683992723686 Consignee's Name: Deepak Kumar Consignee's Address: Sector 39, Gurugram, HR, 122014 GSTIN No.: Phone: 0000000000 Email:	
		<p>Mode: AIR</p>  <p>AWB No: 7X100761088</p>	
		Risk Surcharge	<p>Owner <input checked="" type="checkbox"/></p> <p>Carrier <input type="checkbox"/></p>
		Remark:	
THIS DOCUMENT IS NOT A TAX INVOICE. WEIGHT CAPTURED BY DTDC WILL BE USED FOR INVOICE GENERATION. Sender's Copy			
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		PRODUCT: B2C PRIORITY	Type: NON-DOCUMENT
		Customer Ref No: 5683992723686 Consignee's Name: Deepak Kumar Consignee's Address: Sector 39, Gurugram, HR, 122014 GSTIN No.: Phone: 0000000000 Email:	
		<p>Mode: AIR</p>  <p>AWB No: 7X100761088</p>	
		Risk Surcharge	<p>Owner <input checked="" type="checkbox"/></p> <p>Carrier <input type="checkbox"/></p>
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		<p>Mode: AIR</p>  <p>AWB No: 7X100761088</p>	
		Receiver's Name:	Receiver's Signature and Stamp
		Phone Number:	
		Remark:	
THIS DOCUMENT IS NOT A TAX INVOICE. WEIGHT CAPTURED BY DTDC WILL BE USED FOR INVOICE GENERATION. POD Copy			

3. ROUTE_LABEL_A4 / ROUTE_LABEL_4X4



4. ADDR_LABEL_A4 / ADDR_LABEL_4X2



5. INVOICE (for international orders only)

EXPORT INVOICE													
Shipment ID: N20022838						Shipper Name: Test							
Address 1: Test Line 1													
Address 2: Test Line 2, INDORE, MADHYA PRADESH													
Telephone No: 0000000000													
IEC:						GSTIN/UIN:							
PAN: ABSHC2378H						PAN Card Number: ABSHC2378H							
IGST Payment Status: (Tick applicable option)			<input checked="" type="checkbox"/> A) Not Applicable			<input type="checkbox"/> B) LUT or Export under Bond.			<input type="checkbox"/> C) Export Against Payment of IGST.				
GST Invoice No:						Transport Mode: By Air							
GST Invoice Date:						Invoice No. & date other than GST Invoice: 1709305398483, 2024-03-01							
Currency Type: INR						Terms of Invoice: CIF							
Reverse Charge: (Y/N) N						Date of Supply: 2024-03-01							
Place of Supply: Other Country			State Code:			State Name: MADHYA PRADESH							
Bill to Party						Ship to Party							
Name: John Doe						Name: John Doe							
Address: test line1 test line2 LOS ANGELES NEVADA 10001 0000000000						Address: test line1 test line2 LOS ANGELES NEVADA 10001 0000000000							
Country: UNITED STATES OF AMERICA						Country: UNITED STATES OF AMERICA							
S.No	Product Desc	HSN Code	Commodity Under 3C	MEIS	Qty	Rate	Amount	Discount	Taxable Value	IGST %	IGST Amount	Total	
1	Delta	24567870	N	N	1	1000.00	1000.00	0	1000.00	0	0.00	1000.00	
Total						1.00	1000.00	0.00	1000.00	0.00	0.00	1000.00	
Total Invoice Amount in Words						Total Amount Before Tax						1000.00	
INR, One Thousand Rupees						Shipping Cost						0.00	
						Total Tax Amount						0.00	
						Total Amount After Tax						1000.00	
Bank Details				Company Seal				Certified that the particulars given above are true and correct For Authorised signatory					
Bank AD Code:													
Bank A/C:													
Bank IFSC:													
Shipper Declaration: We declare that this invoice shows the actual price of goods described and that all particulars are true and correct													

- **Base64 Format:** The response will be a string containing the Base64 encoded representation of the shipping label data. You will need to decode this string using a Base64 decoder in your application to obtain the label data for further use.

Sample_response:-

```
D1DPiA80TBDNDkw0EE1QzcwN0I10UEwRkExQUE4RkU5RDYw0UM+XQovU2l6ZSAxNwo+PgpzdGFydHhyZWYK0DkxNgolJUVPRgo="}
```

Response	Code Remarks
200	<p>Each consignment will be processed independently.</p> <p>For each consignment, "success" key will be either true or false.</p> <p>If success is true for a consignment, then the consignment is successfully entered into the DTDC system.</p> <p>If success is false, the consignment is not entered (in case of false, the response contains an error message reason)</p>
400	There is some validation error in the overall request format. In this case, completerequest is rejected.
401	There is an authentication error.