BOL API Developer's Guide

Roadrunner Transportation Systems, Inc.   01/21/2020

BOL API Overview

The BOL API Developer's Guide is intended to help the transportation community integrate their own applications with Roadrunner Freight's BOL API. Our business partners can use the BOL API to transmit BOL data, with additional features like request a rate quote estimate, submit a quick pickup request, and print shipping labels.

The Test API can be accessed at
https://webservices-test.rrts.com/bol/api/bolrequest

The Production API can be accessed at
https://webservices.rrts.com/BOL/api/bolrequest

 https is required. Http provides error code 403 - 403.4 Forbidden: SSL required.

Authentication

Authentication for the API is performed using Basic Authentication in the request headers.   Authentication is required to submit a BOL, request a rate quote and a Quick Pick up.

If you don't have login with us, please register here -
https://freight.rrts.com/Pages/Register.aspx

Format

Requests and responses are both processed in the JSON format.

API Endpoints

BOLRequest

Description	Creates BOL .
Verb	POST
URL	https://webservices.rrts.com/BOL/api/bolrequest
Endpoint	/api/bolrequest

Property	Type	Required	Description and Rules
MainAccountNumber	String	Yes	Account Number - Roadrunner issued account number.
ReqName	String	No	Requester's Name - Allows for the entry of the name of the name of the person submitting the BOL. Will print only on the supplemental information page, if that page is requested
ReqEmail	String	No	Requester's Email Address - Will print only on the supplemental information page, if that page is requested. A copy of the BOL can be sent to this address, see SendBillTo.

ReqPhone	String(15)	No	Requester's Phone Number - Will print only on the supplemental information page, if that page is requested. Example - (111) 111-1111
ReqPhoneExt	String(15)	No	Requester's Phone Extension Number - Will print only on the supplemental information page, if that page is requested.

PayTerms	String(1)	Yes	Bill-of-lading Terms -P - Prepaid, C- Collect. Default value is P.
ContactBeforeDeliver	Boolean	No	Contact Consignee Before Delivery - If value is true, the BOL will indicate that a delivery appointment is required.
CODAmount	decimal	No	COD is no longer supported. Please see your customer service representative if more information is needed.

HazMatContact	String	No	Emergency Contact Name - If Hazmat is selected under Commodities, Hazmat Emergency Contact is required.
HazMatPhone	String	No	Emergency Phone Number -If Hazmat is selected under Commodities, Hazmat Emergency Phone Number is required. Example - (111) 111-1111
ShipDt	Date	Yes	Shipment Date - Date format should be YYYY-MM-DD. ShipDt must be today or in the future. Shipment Date should be within one month of the current date.
ProNumber	String	No	Roadrunner Pro Number - Allows for the entry of a valid Roadrunner PRO number. Note: Only a valid Roadrunner PRO number can be entered here.

ProNumAutoGenerated	Boolean	No	Indicate true, if the pro number is to be auto generated. Note: If a value is provided in ProNumber, that value will be used.

Instructions	String(256)	No	Special Instructions. Only first 188 characters will appear on the BOL PDF.

BOLNumber	String	No	Shipper's Bill-of-lading number.
BOLAutoGenerated	Boolean	No	Indicate true, if the BOL number is to be auto generated. Note: If a value is provided in BOLNumber, that value will be used.
LiabilityExceedAmt	Decimal	No	Declared Value. The dollar value of the declared value, per Declared Value Unit Type.
LiabilityExceedType	String	No	Declared Value Unit Type. 4 types Shipment, LBS, CWT, PKG.

LiabilityCoverageReq	Decimal	No	Excess Liability Coverage Amount. Indicate the dollar amount of the additional liability coverage required.
SQNumber	String	No	Spot Quote Number. The Roadrunner Issued Spot Quote Number.
ShipperAddr – **Shipper Address is required.**			
Company	String	Yes	Company name – The company name for the shipper.
Contact	String	Yes	Shipper Contact – Name of the person to contact at the shipper's location.

Address	String	Yes	Shipper Address – Address of the shipper's location.

City	String	Yes	Shipper City

State	String	Yes	Shipper State - Example "WI", "CA"
Country	String	Yes	Shipper Country. Enter "United States" or "Canada"
Zip	String	Yes	Shipper Zip Code - Can contain 5-digit US zip code or 6-character Canadian postal code with no spaces or dashes – i.e. "M4B1B3" **not** "M4B-1B3".
Phone	String	Yes	Shipper Phone Number Example - (111) 111-1111
PhoneExt	String	No	Shipper Phone Extension Number

Email	String	No	Shipper Email Address - Email is optional.

ConsigneeAddr – Consignee Address is required

Company	string	Yes	Consignee Company Name
Contact	string	Yes	Consignee Contact Name

Address	string	Yes	Consignee Address

City	string	Yes	Consignee City
State	string	Yes	Consignee State - Example "WI", "CA"
Country	string	Yes	Consignee Country. Enter "United States", "Canada" or "Puerto Rico".
Zip	string	Yes	Consignee Zip Code - Can contain 5-digit US zip code or 6-character Canadian postal code with no spaces or dashes – i.e. "M4B1B3" **not** "M4B-1B3".
Phone	string	No	Consignee Phone Number Example - (111) 111-1111

PhoneExt	string	No	Consignee Phone Extension
Email	string	No	Consignee Email Address - Email is optional.

ThirdPartyAddr – If CustomerType is B , Third Party fields are required.

Company	string	No	Third Party Company Name
Contact	string	No	Third Party Contact Name

Address	string	No	Third Party Address

City	string	No	Third Party City
State	string	No	Third Party State - Example "WI", "CA"
Country	string	No	Third Party Country - Enter "United States", "Canada" or "Puerto Rico"
Zip	string	No	Third Party Zip Code - Can contain 5-digit US zip code or 6-character Canadian postal code with no spaces or dashes – i.e. "M4B1B3" **not** "M4B-1B3".
Phone	string	No	Third Party Phone Number Example - (111) 111-1111
PhoneExt	string	No	Third Party Phone Extension

Email	string	No	Third Party Email Address. Email is optional.

COD is no longer supported. Please see your customer service representative if more information is needed.

BOLCustomerReference - Maximum Number of Customer Reference on a shipment should be 100. First 26 will be visible on the BOL PDF.

RefNo	String	No	Customer Reference Number.
RefType	String(3)	No	Customer Reference Type
Pieces	String	No	Number of Pieces
Weight	String	No	Weight in Pounds
Dept	String	No	Dept
SendBillTo	String	No	Email Copy of Bill-of-lading. "O" - shipper, "I" - consignee, "B" - third -party, "R" – Requester. PDF copy of the Bill-of-lading will be emailed to the address indicated for each party, **ONLY if GenerateBOL is true**

Commodities - Container of shipment details. Can have up to 9 different shipment details in one transaction. Includes Actual Class & Weight			
ClassCode	Double	yes	Actual Class of Freight – see Appendix A for list of allowed values. Note: Indicate the Actual Class of the Freight regardless of any FAK that may apply.
Weight	Decimal	yes	Weight of freight for listed class. Measured in Pounds.
Length	Integer	No	Length should be in inches per Handling Unit.
Width	Integer	No	Width should be in inches per Handling Unit.
Height	Integer	No	Height should be in inches per Handling Unit.

Cube	Integer	No	
			Cubic Feet of the items. If 0, the system will calculate the cubic feet based on the dimensions provided in the fields Length, Width, Height
UnitDesc	String	Yes	Type of Handling Units such as pallets, boxes, etc. see Appendix C for list of Handling Units
UnitQnty	Integer	Yes	Quantity of Handling Units.
PkgDesc	String	Yes	Type of Packages such as pallets, boxes, etc. see Appendix C for list of Package Descriptions

PkgQnty	Integer	Yes	Quantity of Packages.
Description	String	Yes	Description of the goods . Any additional comments regarding Commodities

HazMat	String	No	X – Hazmat, RQ- Reportable Quantity
NMFC	String (6)	No	NMFC number. Example: "156600"

NMFCSub	String (3)	No	NMFC Sub number. Example:"02"
Accessorials -			
AccessorialCode	String(3)	No	Code for additional service requested. See Appendix B for list of allowed values. Maximum of 5 Service Codes (Accessorials).
GenerateBOL	Boolean	No	Default Value is false. Set GenerateBOL to True in order to generate the BOL. To receive an emailed copy of the PDF BOL use SendBillTo.

QuickPickup is calling Roadrunner QuickPickup API . For details refer to – https://freight.rrts.com/Help/Documents/RRTS_QuickPickup_WebService_Developer's_Guide.pdf			
QuickPickup	Boolean	No	Submit Pickup Request. Value should be true to create a Pick up request. Note: the API response will include a pickup order number. Please use Quick Pick up API to submit multiple Pick ups in one request. https://webservices.rrts.com/pickup/quickpickup.asmx
FreightReady	String	No	Ready Time for Pickup Request. Military Time Format ie - 01:15 or 14:30 Note: If QuickPickup is true, FreightReady is required.
FreightClosed	String	No	Shipper Close Time for Pickup Request. Military Time Format ie - 01:15 or 14:30 Note: If QuickPickup is true, FreightClosed is required.

PrintSupplementalPage	Boolean	No	Print the Supplemental Information Page along with the Bill-of-lading.
			The supplemental document can be used to display additional data that does not normally display on the BOL.
			Requestor's name
			Requestor's email
			Requestor's phone
			Additional Reference numbers.
			Etc.
			The Supplemental document can be printed by setting the value of *PrintSupplementalPage* to true.
PrintLabel	Boolean	No	Print Shipment Labels . Value should be true to Print Labels. Note: Labels will be emailed to SendBillTo
LabelStyle	String(1)	No	Format for Shipment Labels. "6" - "6 Labels/Page "4" - "6*4 Label" "F" -"Full Page Label" Note: If PrintLabel is true, Label Style is required
StartingPosition	Integer	No	Starting Position for Shipment Labels should be between 1 to 6 Note: If PrintLabel is true, LabelStyle is required

NumberOfLabels	Integer	No	Number of Shipment Labels to Print. 10 is the maximum Number of label can print. Note: If PrintLabel is true, NumberOfLabels is required
GetRateQuote is calling Roadrunner RateQuote API . For details refer - https://freight.rrts.com/Help/Documents/RRTS_RateQuote_WebService_Developer's_Guide.pdf			

RateQuote Disclaimer
Online rating estimate freight charges are based on the limited information that you have provided. Such estimates of freight charges are furnished as a convenience to the shipping public and represent only an informal approximation of freight charges, which is not binding either on the carrier or the shipper. Lawful transportation charges are based on the published tariff provisions legally in effect at the time of the shipment, in conjunction with duly negotiated pricing agreements and related transportation services performed in connection therewith.

Freight charges may be subject to minimum charges based on cube, density or lineal feet as provided in Item 577 or Item 578 of our rules tariff. Our rules tariff is available upon request from any RRTS Account Executive. Also available for viewing, printing or downloading, on the internet at the freight.rrts.com website:

Rules Tariff
Fuel Surcharges page
Selected Accessorial Charges

GetRateQuote	Boolean	No	Request a Rate Quote. Value should be true to request a Quote.

PalletPosition	Integer	No	Number of Pallet Positions. If customer has pallet rating, must supply 0 or greater pallets. Can leave blank if no pallet rating
SortAndSegregatePieceCount	Integer	No	Number of Pieces to be Sorted. Must be filled out if using Sort/Segregate service code or for some customer specific accessorial ratings
LinearFeet	Integer	No	Number of Linear Feet for shipment to be quoted. If customer has linear ft rating, must supply 0 or greater linear ft. Can leave blank if no linear ft rating
CustomerType	String(1)	No	Customer Type for shipment to be quoted. Valid values are "O" for Shipper, "I" for Consignee, and "B" for Third Party. Note: Required if getting rate quote

Request Example Json:

```
{
        "MainAccountNumber": 12345,
        "ReqName": "3P Name ",
        "ReqEmail": "xxx@rrts.com",
        "ReqPhone": "(222) 222-2222",
        "ReqPhoneExt": "567",
        "PayTerms": "P",
        "ContactBeforeDeliver": true,
        "CODAmount": 1000.0,
        "CODFee": "C",
```

"CODCheckAcceptable": **1**,

"HazMatContact": **"3P Name "**,

"HazMatPhone": **"(222) 222-2222"**,

"ShipDt": **"2019-12-03T16:14:00.8853044-05:00",**

"ProNumber": **""**,

"ProNumAutoGenerated": true,

"Instructions": **"Shipment Instructions - Test"**,

"BOLNumber": **"12345"**,

"BOLAutoGenerated" : true,

"LiabilityExceedAmt": **10**,

"LiabilityExceedType": **"Pkg"**,

"LiabilityCoverageReq": **"100"**,

"SQNumber": **"SQ123456"**,

"ThirdPartyAddr": {

  "Company": **""**,

  "Contact": **"3P Name"**,

  "Address": **"3P Address"**,

  "City": **"3P City"**,

  "State": **"WI"**,

  "Country": **"United States"**,

  "Zip": **"53188"**,

  "Phone": **"(222) 222-2222",**

  "PhoneExt": **"333"**,

  "Email": **"xxxx@rrts.com"**

},

"ConsigneeAddr": {

  "Company": **"ACME Con Company"**,

  "Contact": **"Con Name"**,

  "Address": **"Con Address"**,

  "City": **"Ship City"**,

   "State": **"CA"**,

  "Country": **"United States"**,

  "Zip": **"90004"**,

  "Phone": **"(222) 222-2222"**,

  "PhoneExt": **"666"**,

  "Email": **"xxxx@rrts.com"**

},

"ShipperAddr": {

  "Company": **"ACME Ship Company"**,

  "Contact": **"Ship Name"**,

  "Address": **"Ship Address"**,

  "City": **"Ship City"**,

  "State": **"CA"**,

```
                "Country": "United States",
                "Zip": "90210",
                 "Phone": "(222) 222-2222",
                 "PhoneExt": "111",
                 "Email": "xxxx@rrts.com"
        },
        "CODAddr": {
                "Company": "ACME COD Company",
                "Contact": "COD Name",
                "Address": "COD Address",
                "City": "COD City",
                "State": "WI",
                "Country": "United States",
                "Zip": "53188",
                 "Phone": "(222) 222-2222",
                 "PhoneExt": "444",
                 "Email": "xxxxx@rrts.com"
        },
        "BOLCustomerReference": [
                {
                "RefNo": "1313",
"RefType": "P",
           "Pieces": "33",
                        "Weight": "75 plbs",
                        "Dept": "Some Department"


                }
        ],
        "SendBillTo": [
                "O","I","B" ,"R"
        ],
        "Commodities": [
                {
                        "UnitDesc": "Pallet",
                        "PkgDesc": "Box",
                        "UnitQnty": 2,
                        "PkgQnty": 1,
                        "HazMat": "X",
                        "Description": "A box and some pallets.",
                      "NMFC": "100060",
                      "NMFCSub": "600",
                       "Weight": 225,
                       "Cube": 43,
```

```
                    "Length": 12,
                    "Width": 13,
                    "Height": 14,
                    "ClassCode": 50
            },

            {

                    "UnitDesc": "Pallet",
                    "PkgDesc": "Box",
                    "UnitQnty": 3,
                    "PkgQnty": 1,
                    "HazMat": "",
                    "Description": "A box and some pallets 2.",
                    "NMFC": "No ",
                    "NMFCSub": "No ",
                    "Weight": 200,
                    "Cube": 50,
                    "Length": 16,
                    "Width": 17,
                    "Height": 18,
                    "ClassCode": 77.5
            }
        ],

        "Accessorials": [
            {
                    "AccessorialCode": "GSP"
            },
            {
                    "AccessorialCode": "GSD"
            }
        ],
        "PrintLabel": true,
        "LabelStyle": "6",
        "NumberOfLabels": 6,
        "StartingPosition": 1,
        "GetRateQuote": true,
```

"GenerateBOL" : **true,**

"PalletPosition": **0**,

"SortAndSegregatePieceCount": **0**,

"LinearFeet": **0**,

"CustomerType": **"B"**,

"QuickPickup": **false**,

"FreightReady": **"20:30"**,

"FreightClosed": **"23:30"**,

"PrintSupplementalPage": **true**

}

BOL API response -

Element Name	Type	Description
HasError	bool	HasError will be true if there is any error
ErrorMessage	String	Shows error message here if there is any error
BOLNumber	String	Provide BOL Number if there is any.
PRONumber	String	Provide PRO Number if there is any.
PickUpNumber	String	Provide Pick Up Number if there is any.
TerminalName	String	Provides Terminal Name
TerminalPhone	String	Provides Terminal Contact. https://freight.rrts.com/Locations/Pages/ServiceAreaMap.aspx?LCD=COM
QuoteNumber	int	If requested to get Quote, QuoteNumber returns.
QuoteResponse	QuoteResponse	Refer **https://webservices.rrts.com/rating/ratequote.asmx**
Base64PDFData	String	

`Base64PDFLabelDat` `a`	String	

Example Response Json –

```
{
        "HasError": false,
        "ErrorMessage": "",
        "BOLNumber": "",
        "PickUpNumber": "51435129",
        "TerminalName": "Commerce",
        "TerminalPhone": "",
        "QuoteNumber": 4125917,
        "QuoteResponse": {
                "quoteNumberField": 4125917,
                "netChargeField": 201.68,
                "customerField": {
                        "accountNumberField": 123456,
                        "nameField": "ROADRUNNER ONLINE DEMO",
                        "address1Field": "4900 S PENNSYLVANIA AVE",
                        "address2Field": "        ",
                        "cityField": "CUDAHY",
                        "stateField": "WI",
                        "zipCodeField": "53110",
                        "PropertyChanged": null
                },
                "routingInfoField": {
                        "destinationStateField": "CA",
                        "destinationZipField": "90004",
                        "originStateField": "CA",
                        "originZipField": "90210",
                        "estimatedTransitDaysField": "1",
                        "originalTerminalField": "Commerce",
                        "PropertyChanged": null
                },
                "rateDetailsField": [
                        {
                                "actualClassField": "50 ",

                                "ratedClassField": "50 ",
```

```
                "chargeField": 50.35,
                "codeField": "MIN",
                "descriptionField": "MIN",
                "rateField": 0.0,
                "weightField": "  225",
                "extraMessagesField": null,
                "PropertyChanged": null
        },
        {
                "actualClassField": "775",
                "ratedClassField": "775",
                "chargeField": 0.0,
                "codeField": "   ",
                "descriptionField": "                ",
                "rateField": 0.0,
                "weightField": "   200",
                "extraMessagesField": null,
                "PropertyChanged": null
        },
        {
                "actualClassField": "   ",
                "ratedClassField": "   ",
                "chargeField": 9.75,
                "codeField": "CAO",
                "descriptionField": "California Compliance          Charge",
                "rateField": 0.0,
                "weightField": "    ",
                "extraMessagesField": null,
                "PropertyChanged": null
        },
        {
                "actualClassField": "   ",
                "ratedClassField": "   ",
                "chargeField": 45.0,
                "codeField": "GSD",
                "descriptionField": "Government Site Delivery",
                "rateField": 0.0,
                "weightField": "    ",
                "extraMessagesField": null,
                "PropertyChanged": null
        },
        {
                "actualClassField": "   ",
```

```
                                        "ratedClassField": "   ",
                                        "chargeField": 45.0,
                                        "codeField": "GSP",
                                        "descriptionField": "Government Site Pickup",
                                        "rateField": 0.0,
                                        "weightField": "     ",
                                        "extraMessagesField": null,
                                        "PropertyChanged": null
                        },
                        {

                                        "actualClassField": "   ",
                                        "ratedClassField": "   ",
                                        "chargeField": 7.5,
                                        "codeField": "HND",
                                        "descriptionField": "Linehaul Surcharge - 14.90%",
                                        "rateField": 0.0,
                                        "weightField": "      ",
                                        "extraMessagesField": "Linehaul Surcharge",
                                        "PropertyChanged": null
                        },
                        {

                                        "actualClassField": "   ",
                                        "ratedClassField": "   ",
                                        "chargeField": 32.0,
                                        "codeField": "CFC",
                                        "descriptionField": "Collect COD Fee",
                                        "rateField": 0.0,
                                        "weightField": "      ",
                                        "extraMessagesField": null,
                                        "PropertyChanged": null
                        },
                        {

                                        "actualClassField": "   ",
                                        "ratedClassField": "   ",
                                        "chargeField": 12.08,
                                        "codeField": "FSC",
                                        "descriptionField": "Fuel Surcharge - 23.99 %",
                                        "rateField": 0.0,
                                        "weightField": "      ",
                                        "extraMessagesField": null,
                                        "PropertyChanged": null
                        }
                ],
```

"originypeField": "O",

"paymentTypeField": "P",

"cODAmountField": 30.5,

"shipmentDateField": "2019-11-29T15:14:00.8853044-06:00",

"customerCubicFootField": 11,

"hawaiianRatedCubicFootField": 0,

"PropertyChanged": null

},

"Base64PDFData":

"JVBERi0xLjcNJeLjz9MKMSAwIG9iag0KPDwgL1R5cGUgL1hPYmplY3QgL1N1YnR5cGUgL0ltYWdlDQovTmFtZSAvWEFQRjFGQMV8xNTc0MTkyNTgwXzANCi9XaWR0aCAgMjI5Ng0KL0hlaWdododCAgNTkxDQovQml0c1BlckNvbXBvbmVudCAgOA0KL0NvbG9yU3BhY2UgL0RldmljZVJHQiANCi9MZW5ndGggNjA4MzQNCi9GaWx0ZXIgWy9GbGF0ZURlY29kZSAvRENURGVjb2RlIXQ0KPj4NCnN0cmVhbQ0KeJzsnX9cTNn"

}

Example Error Response Json –

{
    "HasError": true,
    "ErrorMessage": "Account number is not valid for this user."
}

Must provide MainAccountNumber
Authentication/Valid login is Required to Request a BOL
Inorder to get a Quote , Customer Type is required
Option ContactBeforeDeliver needs Consignee Email Address or Phone Number
Account number is not valid for this user
ShipDt must be today or in the future
Shipment Date should be within a month
Starting Position for Shipment Labels should be between 1 to 6
The maximum Number of label can print is 10
COD is no longer supported. Please see your customer service representative if more information is needed.

Appendix A – Valid Freight Classes

ClassId	Description
50	Class50
55	Class55
60	Class60
65	Class65
70	Class70
77.5	Class77.5
85	Class85
92.5	Class92.5
100	Class100
110	Class110
125	Class125
150	Class150
175	Class175
200	Class200
250	Class250
300	Class300
400	Class400
500	Class500

Appendix B – Valid Request Service Codes

Code	Description

AHD	Apartment Delivery
AHP	Apartment Pickup

AID	Airport Site Delivery
AIP	Airport Site Pickup
AMD	Amusement Park Delivery
AMP	Amusement Park Pickup
APT	Appointment Charge
BSC	Blind Shipment Charge
CCD	Country Club/Golf Delivery
CCP	Country Club/Golf Pickup
CHD	Place of Worship – Delivery
CHP	Place of Worship – Pickup
CPD	Camp/Park/Resort Delivery
CPP	Camp/Park/Resort Pickup

CSD	Construction Delivery
CSP	Construction Pickup
DCC	Distribution Center Delivery
ESD	Exhibition Site Delivery
EXH	Exhibition Site Pickup
EXL	Shipment contains article(s) 12 ft but less than 20 ft
EXM	Shipment contains article(s) 8 ft but less than 12

EXX	Shipment contains article(s) 20 ft or greater
FAD	Farm/Ranch Delivery
FAP	Farm/Ranch Pickup
FAB	Floor Above/Below Delivery
FSD	Forest Delivery
CCD	Golf-Country Club Delivery
GSD	Government Site Delivery
WCL	Hawaiian Will Call
HAZ	Hazardous Materials
HHD	Hotel Delivery
HHP	Hotel Pickup
IRD	Indian Reservation Delivery
ID	Inside Delivery
IP	Inside Pickup
LGD	Liftgate Delivery
LGP	Liftgate Pickup
PSM	Maintain Temperature
MSD	Mine Site Delivery
NBD	Non-Business Hours Delivery
NC	Notification Charge
NHD	Nursing Home Delivery
NHP	Nursing Home Pickup

PWD	Pier Port or Warf Delivery
PWP	Pier Port or Warf Pickup

PSD	Prison Delivery
PSC	Protect From Cold
PSH	Protect From Heat
RSD	Residential Delivery
RSP	Residential Pickup
SHD	School Site Delivery
SHP	School Site Pickup
SS	Single Shipment
SRT	Sort or Segregate
STD	Storage Unit Delivery
STP	Storage Unit Pickup
USD	Utility Site Delivery – Use for Limited Access
USP	Utility Site Pickup – Use for Limited Access

If you encounter an undocumented Code or to refer other Roadrunner API's, please visit our website: https://freight.rrts.com/Pages/System-Integration.aspx .

Appendix C – Unit/Package Description

Description
Bag
Barrel

Bundle
Bucket
Bale
Basket
Bulkhead
Box
Chest
Coil
Carton
Cylinder
Drum
Keg
Piece(s)
Package
Pail
Pallet
Rack
Reel
Roll
Skid
Tube
Trailer
Tote
Trunk

Crate