



Logicbroker

850 Purchase Order

Version 4010

850 Purchase Order

Functional Group = PO

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	ST	Transaction Set Header
M	M	1	020	BEG	Beginning Segment for Purchase Order
O	O	1	050	REF	Reference Identification
				LOOP SAC	Max: 25 Optional
O	M	1	120	SAC	Service, Promotion, Allowance, or Charge Information
O	O	1	130	ITD	Terms of Sale/Deferred Terms of Sale
O	O	1	150	DTM	Date/Time Reference
M	O	1	240	TD5	Carrier Details (Routing Sequence/Transit Time)
				LOOP N9	Max: 1000 Optional
O	M	1	295	N9	Reference Identification
O	O	1	300	MSG	Message Text
				LOOP N1	Max: 200 Required
M	M	1	310	N1	Name
O	O	1	320	N2	Additional Name Information
M	O	1	330	N3	Address Information
M	O	>1	340	N4	Geographic Location

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP PO1	Max: 100000 Required
M	M	1	010	PO1	Baseline Item Data
				LOOP CTP	Max: 1 Optional
O	M	1	040	CTP	Pricing Information
				LOOP PID	Max: 1000 Optional
O	M	1	050	PID	Product/Item Description
O	O	1	090	PO4	Item Physical Details
O	O	1	100	REF	Reference Identification

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP CTT	Max: 1 Optional
M	M	1	010	CTT	Transaction Totals
M	M	1	030	SE	Transaction Set Trailer

ST Transaction Set Header

Position: 010
Loop:
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code	ID	3/3
M	M	ST02	329	Transaction Set Control Number	AN	4/9

BEG Beginning Segment for Purchase Order
Position: 020

Loop:
Level: Header

User Req: Required

Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BEG01	353	Transaction Set Purpose Code 00 Original	ID	2/2
M	M	BEG02	92	Purchase Order Type Code SA Stand-alone Order	ID	2/2
M	M	BEG03	324	Purchase Order Number This will be used as the main key and needs to be returned on all corresponding documents.	AN	1/22
M	M	BEG05	373	Date Date the purchase order was remitted.	DT	8/8

REF

REF Reference Identification

Position: 050
Loop:
Level: Header
User Req: Optional
Max Use: 1

Notes: CO (CustomerOrder Number) - Indicates the end user's order number, typically provided on the packing slip.

ST (Store Number) - used to identify the store where the order will get shipped for customer pickup. Will also be used to differentiate between D2S and D2C.

IA (Internal Vendor Number) - this is the number assigned by the merchant to identify the supplier.

PD (Promotion/Deal Number) - this is used to show the end users discount code for the order; typically required on the packing slip. X9 (Internal Control Number) - this is the internal order number within the merchant's system; typically required on the packing slip.

IT (Internal Customer Number) - End User's customer ID; typically used on the packing slip

ZZ (Mutually Defined) - will be used to indicate gift wrap. "1" will be entered in REF02 to indicate the wrapping.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier	ID	2/3
				CO Customer Order Number		
				ST Store Number		
				IA Internal Vendor Number		
				PD Promotion/Deal Number		
				X9 Internal Control Number		
				IT Internal Customer Number		
				ZZ Mutually Defined		
X	O	REF02	127	Reference Identification	AN	1/30

SAC Service, Promotion, Allowance, or Charge Information

Position: 120
Loop: SAC
Level: Header
User Req: Optional
Max Use: 1

Notes: A (Allowance) = used to indicate an allowance to be applied to the purchase order total.

C (Charge) = used to indicate a charge to be applied to the purchase order total.

N (No Allowance or Charge) = used to show the end customer's charges or allowances. These will typically be used on the packing slip.

**C310 (Discount) will be the only code using "A" (Allowance) in SAC01.

**ZZZZ (Mutually Defined) will be used as a miscellaneous charge

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SAC01	248	Allowance or Charge Indicator	ID	1/1
				C Charge		
				A Allowance		
				N No Allowance or Charge		
X	O	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4/4
				G821 Shipping		
				C310 Discount		
				ZZZZ Mutually Defined		
				H850 Tax		
X	O	SAC05	610	Amount	N2	1/15

ITD Terms of Sale/Deferred Terms of Sale

Position: 130
Loop:
Level: Header
User Req: Optional
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	ITD01	336	Terms Type Code 14 Previously agreed upon	ID	2/2
O	O	ITD02	333	Terms Basis Date Code ZZ Mutually Defined	ID	1/2
O	O	ITD03	338	Terms Discount Percent	R	1/6
O	O	ITD05	351	Terms Discount Days Due	N0	1/3
O	O	ITD07	386	Terms Net Days	N0	1/3
O	O	ITD08	362	Terms Discount Amount	N2	1/10

DTM

DTM Date/Time Reference

Position: 150

Loop:

Level: Header

User Req: Optional

Max Use: 1

Notes: 010 (Requested Ship Date) - will be used to show the latest the date an order can be shipped.

806 (Customer Order) - Will be used to show date when customer placed order; typically used on the packing slip.

002 (Delivery Requested) - Will be used to show the date the purchase order is to be delivered in full.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	DTM01	374	Date/Time Qualifier	ID	3/3
				010 Requested Ship		
				806 Customer Order		
				002 Delivery Requested		
X	O	DTM02	373	Date	DT	8/8

TD5

TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 240
Loop:
Level: Header
User Req: Required
Max Use: 1

Notes: TD503 Identification (CarrierCode) - this is the Standard Carrier Alpha Code (SCAC). If you are using your own custom shipping methods, these are set-up on the "Shipment Settings" page in the portal, the CarrierCode will automatically populate based on the ClassCode (TD505) submitted.

TD505 Routing (Classcode) - This is the field that will be a combination of both SCAC and ServiceLevel. If you map this to your partner's, the CarrierCode (TD503) and the ServiceLevelCode(TD512) will automatically populate accordingly. This will allow you to only keep track of one code (ClassCode) rather than 3. This should always be returned on the Shipment (856).

TD512 Service Level Code (ServiceLevelCode) - If you are using your own custom shipping methods, these are set-up on the "Shipment Settings" page in the portal, the ServiceLevelCode (TD512) will automatically populate based on the ClassCode (TD505) submitted

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	TD502	66	Identification Code Qualifier	ID	1/2
				2 Standard Carrier Alpha Code (SCAC)		
O	O	TD503	67	Identification Code	AN	2/80
M	O	TD505	387	Routing	AN	1/35
O	O	TD512	284	Service Level Code	ID	2/2

N9 Reference Identification

Position: 295
Loop: N9
Level: Header
User Req: Optional
Max Use: 1

Notes: N902 (Reference Identification) - "GFT" will be submitted to identify that a gift message will be supplied in the MSG segment.
 MSG01 (Message Text) - Header gift message, will be used on the packing slip if one is required.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N901	128	Reference Identification Qualifier	ID	2/3
				L1 Letters or Notes		
X	O	N902	127	Reference Identification	AN	1/30

MSG Message Text

Position: 300
Loop: N9
Level: Header
User Req: Optional
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	MSG01	933	Free-Form Message Text	AN	1/264

N1

N1 Name

Position: 310
Loop: N1
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N101	98	Entity Identifier Code	ID	2/3
				Ship to (ST) is the only required N1 loop.		
				ST Ship To		
				BT Bill-to-Party		
				OB Ordered By		
M	O	N102	93	Name	AN	1/60
O	O	N103	66	Identification Code Qualifier	ID	1/2
				92 Assigned by Buyer or Buyer's Agent		
X	O	N104	67	Identification Code	AN	2/80

N2 Additional Name Information

Position: 320
Loop: N1
Level: Header
User Req: Optional
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N201	93	Name	AN	1/60
O	O	N202	93	Name	AN	1/60

N3 Address Information

Position: 330
Loop: N1
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N301	166	Address Information	AN	1/55
O	O	N302	166	Address Information	AN	1/55

N4 Geographic Location

Position: 340
Loop: N1
Level: Header
User Req: Required
Max Use: >1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	N401	19	City Name	AN	2/30
M	O	N402	156	State or Province Code	ID	2/2
M	O	N403	116	Postal Code	ID	3/15
O	O	N404	26	Country Code	ID	2/3

PO1
PO1 Baseline Item Data

Position: 010
Loop: PO1
Level: Detail
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	PO101	350	Assigned Identification	AN	1/20
M	O	PO102	330	Quantity Ordered	R	1/15
M	O	PO103	355	Unit or Basis for Measurement Code	ID	2/2
				EA Each		
M	O	PO104	212	Unit Price	R	1/17
O	O	PO105	639	Basis of Unit Price Code	ID	2/2
				TE Contract Price per Each		
M	O	PO106	235	Product/Service ID Qualifier	ID	2/2
				VN Vendor's (Seller's) Item Number		
X	O	PO107	234	Product/Service ID	AN	1/48
O	O	PO108	235	Product/Service ID Qualifier	ID	2/2
				IN Buyer's Item Number		
X	O	PO109	234	Product/Service ID	AN	1/48
O	O	PO110	235	Product/Service ID Qualifier	ID	2/2
				UP U.P.C. Consumer Package Code (1-5-5-1)		
X	O	PO111	234	Product/Service ID	AN	1/48

CTP Pricing Information

Position: 040
Loop: CTP
Level: Detail
User Req: Optional
Max Use: 1
Notes: RTL (Retail Price) - this will be the price paid by the end customer. Will be used on the packing slip if mandatory.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	CTP02	236	Price Identifier Code	ID	3/3
				RTL Retail		
X	O	CTP03	212	Unit Price	R	1/17

PID

PID Product/Item Description

Position: 050
Loop: PID
Level: Detail
User Req: Optional
Max Use: 1

Notes: 08 (Product) - General Product description. Will be used on the packing slip if mandatory.

SIZ (Sizing) - Size attribute of the product. Will be used on the packing slip if mandatory.

35 (Color) - Color attribute of the product. Will be used on the packing slip if mandatory.

ZZ (Mutually Defined) - Any additional product attributes will be submitted here

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	M	PID01	349	Item Description Type	ID	1/1
				F Free-form		
O	O	PID02	750	Product/Process Characteristic Code	ID	2/3
				08 Product		
				35 Color		
				ZZ Mutually Defined		
				SIZ Sizing		
X	O	PID05	352	Description	AN	1/80

PO4

PO4 Item Physical Details

Position: 090
Loop: PO1
Level: Detail
User Req: Optional
Max Use: 1
Notes: PO406 (Weight) - Weight of 1 unit of product

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	PO406	384	Gross Weight per Pack	R	1/9
O	O	PO407	355	Unit or Basis for Measurement Code	ID	2/2
				LB Pound		

REF

REF Reference Identification

Position: 100
Loop: PO1
Level: Detail
User Req: Optional
Max Use: 1
Notes: ZZ (Mutually Defined) - will be used to indicate gift wrap. "1" will be entered in REF02 to indicate the wrapping.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier	ID	2/3
				ZZ Mutually Defined		
X	O	REF02	127	Reference Identification	AN	1/30

CTT Transaction Totals

Position: 010
Loop: CTT
Level: Summary
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CTT01	354	Number of Line Items	N0	1/6

SE Transaction Set Trailer

Position: 030
Loop:
Level: Summary
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments	N0	1/10
M	M	SE02	329	Transaction Set Control Number	AN	4/9