

850 Purchase Order

X12/V5010/850 : 850 Purchase Order

Version: 1.0 Draft

Created: 9/21/2020

Modified: 4/25/2023

850 Purchase Order

Functional Group=PO

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0200	BEG	Beginning Segment for Purchase Order	M	1		
0500	REF	Reference Information	O	>1		
0600	PER	Administrative Communications Contact	O	3		
0800	FOB	F.O.B. Related Instructions	O	>1		
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
LOOP ID - N9					1000	
2950	N9	Extended Reference Information	O	1		
LOOP ID - N1					200	
3100	N1	Party Identification	O	1		
3300	N3	Party Location	O	2		
3400	N4	Geographic Location	O	>1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - PO1					100000	N2/0100L
0100	PO1	Baseline Item Data	M	1		N2/0100
LOOP ID - PID					1000	
0500	PID	Product/Item Description	O	1		
2100	DTM	Date/Time Reference	O	10		
2890	MTX	Text	O	>1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - CTT					1	N3/0100L
0100	CTT	Transaction Totals	O	1		N3/0100

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 Original			
		06 Confirmation			
		07 Duplicate			
BEG02	92	Purchase Order Type Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		BK Blanket Order (Quantity Firm)			
		RL Release or Delivery Order			
		SA Stand-alone Order			
BEG03	324	Purchase Order Number	M	AN	1/22
BEG04	328	Release Number	O	AN	1/30
		Note: "Release number is always 00001"			
BEG05	373	Date	M	DT	8/8

REF Reference Information

Pos: 0500 Max: >1
 Heading - Optional
 Loop: N/A Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Name</u>			
		SF Ship From			
REF02	127	Reference Identification	X	AN	1/50
REF04	C040	Reference Identifier	O	Comp	

PER Administrative Communications Contact

Pos: 0600	Max: 3
Heading - Optional	
Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	Contact Function Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		BD Buyer Name or Department			
		SU Supplier Contact			
PER02	93	Name	O	AN	1/60

FOB F.O.B. Related Instructions

Pos: 0800	Max: >1
Heading - Optional	
Loop: N/A	Elements: 1

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2

Code Name

- CC Collect
- CF Collect, Freight Credited Back to Customer
- DE Per Contract
- PC Prepaid but Charged to Customer
- PP Prepaid (by Seller)
- PU Pickup
- TP Third Party Pay

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ITD01	336	Terms Type Code	O	ID	2/2
		<u>Code</u> <u>Name</u>			
		01 Basic			
		05 Discount Not Applicable			
ITD02	333	Terms Basis Date Code	O	ID	1/2
ITD03	338	Terms Discount Percent	O	R	1/6
ITD04	370	Terms Discount Due Date	X	DT	8/8
ITD05	351	Terms Discount Days Due	X	N0	1/3
ITD06	446	Terms Net Due Date	O	DT	8/8
ITD07	386	Terms Net Days	O	N0	1/3

N9 Extended Reference Information

Pos: 2950	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N901	128	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Name</u>			
		ZA Supplier			
N902	127	Reference Identification	X	AN	1/50

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Name</u>			
		BT Bill-to-Party			
		ST Ship To			
		VN Vendor			
N102	93	Name	X	AN	1/60
N103	66	Identification Code Qualifier	X	ID	1/2
		<u>Code</u> <u>Name</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	67	Identification Code	X	AN	2/80

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	X	ID	2/2
N403	116	Postal Code	O	ID	3/15

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO101	350	Assigned Identification	O	AN	1/20
PO102	380	Quantity	X	R	1/15
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2

<u>Code</u>	<u>Name</u>
BD	Bundle
BG	Bag
BO	Bottle
BU	Bushel
BX	Box
CA	Case
CF	Cubic Feet
CW	Hundred Pounds (CWT)
DR	Drum
DZ	Dozen
EA	Each
FO	Fluid Ounce
FT	Foot
GA	Gallon
GH	Half Gallon
GL	Grams per Liter
GR	Gram
IM	Impressions
KG	Kilogram
KL	Kilograms/Meter
LA	Pounds Per Cubic Inch
LB	Pound
ML	Milliliter
MP	Metric Ton
MR	Meter
OZ	Ounce - Av
PL	Pallet/Unit Load
PR	Pair
PT	Pint
PV	Half Pint
QT	Quart
RL	Roll
SD	Solid Pounds
SO	Spool
ST	Set
TH	Thousand

Code Name
 TL Thousand Feet (Linear)
 TN Net Ton (2,000 LB).
 TY Tray
 YD Yard

PO106 235 **Product/Service ID Qualifier** X ID 2/2

Code Name
 IN Buyer's Item Number

PO107 234 **Product/Service ID** X AN 1/48

PO108 235 **Product/Service ID Qualifier** X ID 2/2

Code Name
 VN Vendor's (Seller's) Item Number

PO109 234 **Product/Service ID** X AN 1/48

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	Item Description Type	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		F Free-form			
PID05	352	Description	X	AN	1/80

DTM Date/Time Reference

Pos: 2100	Max: 10
Detail - Optional	
Loop: PO1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3
		<u>Code</u> <u>Name</u>			
		002 Delivery Requested			
DTM02	373	Date	X	DT	8/8
DTM03	337	Time	X	TM	4/8

MTX Text

Pos: 2890	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
MTX01	363	Note Reference Code	O	ID	3/3
MTX02	1551	Textual Data	X	AN	1/4096

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	M	N0	1/6

Data Sample:

Example of 850 PO:

ST*850*4740~
 BEG*00*SA*1209333*00001*20230330~
 REF*SF*MCW~
 PER*BD*Buyer Name~
 PER*SU*Supplier Contact~
 FOB*CC~
 ITD*05*****15~
 N9*ZA*Supplier~
 N1*BT*Kroger Processing/PRGX*9*0451487310177~
 N3*PO BOX 1889,~
 N4*Grand Rapids*MI*495011889~
 N1*ST*0177 MC177 Crawfordsville Chee*9*0451487310177~
 N3*800 Englewood Drive,~
 N4*Crawfordsville*IN*47933~
 N1*VN*Supplier Name*9*DUNS~
 N3*Address Line 1~
 N4*Richland Center*WI*53581~
 PO1*1*36500*LB*.000001**IN*040542~
 PID*F****A LOW MOISTURE PART SKIM MOZZARELLA CHEESE BULK PAC 20 LB LOAVES PARENT~
 DTM*002*20230424*0000~
 MTX**Confirm to Pace Crawfordsville, Mary and Ric, fax 765 364 5296~
 CTT*1~
 SE*23*4740~

The 850 PO can also have line item with Vendor's/Seller's item number:

PO1*1*36500*LB*.000001**IN*040542*VN*CI10101383~