

850 Purchase Order



Functional Group ID=**PO**

This document specifies the Synergy Advantage EDI conventions for the 850 Purchase Order.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
>>	010	ST	Transaction Set Header	M		1	
>>	020	BEG	Beginning Segment for Purchase Order	M		1	
	030	NTE	Note/Special Instruction	F		100	
	050	REF	Reference Numbers	O		>1	
	060	PER	Administrative Communications Contact	O		3	
	150	DTM	Date/Time Reference	O		10	
	LOOP ID - N1					1	
>>	301	N1	Ship To Name	O		1	

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	LOOP ID - PO1					100000	
>>	010	PO1	Baseline Item Data	M		1	n1
	100	REF	Reference Numbers	O		>1	
	190	SDQ	Destination Quantity	O		500	

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
>>	010	CTT	Transaction Totals	M		1	n2
>>	030	SE	Transaction Set Trailer	M		1	

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Notes: Example:
ST*850*295

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	ST01	143	Transaction Set Identifier Code 850 X12.1 Purchase Order	M ID 3/3
>>	ST02	329	Transaction Set Control Number	M AN 4/9

Segment: **BEG** Beginning Segment for Purchase Order
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Notes: Example:
 BEG*00*SA*1234567*960801

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	BEG01	353	Transaction Set Purpose Code 00 Original	M ID 2/2
>>	BEG02	92	Purchase Order Type Code SA Stand-alone Order	M ID 2/2
>>	BEG03	324	Purchase Order Number	M AN 1/22
>>	BEG05	373	Purchase Order Date	M DT 8/8

Segment: **NTE** Note/Special Instruction
Position: 030
Loop:
Level: Heading
Usage: Floating
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Notes: Example:
 NTE*DEL*We will be closed for inventory 5-01-97 thru 5-05-97.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Note Reference Code</u>	<u>ID</u>
NTE01	363	DEL Delivery	O 3/3
		GEN Entire Transaction Set	
		SPH Special Handling	
>> NTE02	352	Description	M AN 1/80

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: Example:
 REF*DP*012
 REF*IA*701443

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> REF01	128	Reference Number Qualifier	M ID 2/2
		DP Department Number	
		IA Internal Vendor Number	
REF02	127	Reference Number	X AN 1/30

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Notes: Example:
 PER*BD*JOHN SMITH*TE*800-555-1234

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>> PER01	366	Contact Function Code	M	ID 2/2
		BD Buyer Name or Department		
PER02	93	Name	O	AN 1/35
PER03	365	Communication Number Qualifier	X	ID 2/2
		TE Telephone		
PER04	364	Communication Number	X	AN 1/80

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Notes: It is recommended that the 002 DELIVERY REQUESTED be sent.

Example:
 DTM*002*960801
 DTM*175*960825

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Date/Time</u> <u>Qualifier</u>	<u>M</u> <u>ID</u> <u>3/3</u>
>> DTM01	374	002 Delivery Requested	
		175 Cancel if not shipped by	
DTM02	373	Date	X DT 8/8

Segment: **N1** Ship To Name
Position: 301
Loop: N1
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Notes: Used to specify the Ship To location.

Example:

N1*ST*ABC OFFICE PRODUCTS*92*0010

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
>> N101	98	Entity Identifier Code		M	ID 2/2
		ST	Ship To		
N102	93	Name		X	AN 1/35
N103	66	Identification Code Qualifier		X	ID 1/2
		1	D-U-N-S Number, Dun & Bradstreet		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		91	Assigned by Seller or Seller's Agent		
		92	Assigned by Buyer or Buyer's Agent		
N104	67	Identification Code		X	AN 2/20

Segment: **PO1** **Baseline Item Data**
Position: 010
Loop: PO1
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
 Any single part number or combination of part numbers can be used.
Notes:
 Example:
 PO1*1*24*EA*.79**UP*073333123459*SK*042234*VN*12345

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification	O AN 1/11
PO102	330	Quantity Ordered	X R 1/9
PO103	355	Unit or Basis for Measurement Code	O ID 2/2
PO104	212	Unit Price	X R 1/17
PO106	235	Product/Service ID Qualifier	X ID 2/2
		UA U.P.C./EAN Case Code (2-5-5)	
		UP U.P.C. Consumer Package Code (1-5-5-1)	
PO107	234	Product/Service ID	X AN 1/40
PO108	235	Product/Service ID Qualifier	X ID 2/2
		BP Buyer's Part Number	
		CB Buyer's Catalog Number	
		SK Stock Keeping Unit (SKU)	
PO109	234	Product/Service ID	X AN 1/40
PO110	235	Product/Service ID Qualifier	X ID 2/2
		VA Vendor's Style Number	
		VN Vendor's (Seller's) Item Number	
PO111	234	Product/Service ID	X AN 1/40

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying numbers.
Notes: Example:
 REF*BO*A12345
 REF*WS*123-456

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> REF01	128	Reference Number Qualifier	M ID 2/2
		BO Bin Location Number	
		WS Warehouse storage location number	
REF02	127	Reference Number	X AN 1/30

Segment: **SDQ** Destination Quantity
Position: 190
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 500
Purpose: To specify destination and quantity detail
Notes: The SDQ segment is optional and is used at the customers discretion.

Example:
 SDQ*EA*92*001*15*002*20*003*10*004*12

Data Element Summary

Ref.	Data	Name		Attributes
<u>Des.</u>	<u>Element</u>			
>>	SDQ01	355	Unit or Basis for Measurement Code	M ID 2/2
		CA	Case	
		EA	Each	
	SDQ02	66	Identification Code Qualifier	O ID 1/2
		92	Assigned by Buyer or Buyer's Agent	
>>	SDQ03	67	Identification Code	M AN 2/20
>>	SDQ04	380	Quantity	M R 1/15
	SDQ05	67	Identification Code	X AN 2/20
	SDQ06	380	Quantity	X R 1/15
	SDQ07	67	Identification Code	X AN 2/20
	SDQ08	380	Quantity	X R 1/15
	SDQ09	67	Identification Code	X AN 2/20
	SDQ10	380	Quantity	X R 1/15
	SDQ11	67	Identification Code	X AN 2/20
	SDQ12	380	Quantity	X R 1/15
	SDQ13	67	Identification Code	X AN 2/20
	SDQ14	380	Quantity	X R 1/15
	SDQ15	67	Identification Code	X AN 2/20
	SDQ16	380	Quantity	X R 1/15
	SDQ17	67	Identification Code	X AN 2/20
	SDQ18	380	Quantity	X R 1/15
	SDQ19	67	Identification Code	X AN 2/20
	SDQ20	380	Quantity	X R 1/15
	SDQ21	67	Identification Code	X AN 2/20
	SDQ22	380	Quantity	X R 1/15
	SDQ23	310	Location Identifier	O AN 1/30

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Notes: Example:
CTT*34

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> CTT01	354	Number of Line Items	M N0 1/6

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Notes: Example:
 ST*47*295

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	SE01	96	Number of Included Segments	M N0 1/10
>>	SE02	329	Transaction Set Control Number	M AN 4/9