850 Purchase Order

Functional Group ID= ${\bf PO}$

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

M	Pos. <u>No.</u> 010	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. Des. M	Max.Use	Loop <u>Repeat</u>	Notes and Comments
M	020	BEG	Beginning Segment for Purchase Order	M	1		
	050	REF	Reference Identification	O	>1		
			LOOP ID - N9			1000	
	295	N9	Reference Identification	О	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
	310	N1	Name	О	1		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		

Detail:

	Pos. No.	Seg. <u>ID</u>	<u>Name</u>	Req. Des.	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - PO1			100000	
M	010	PO1	Baseline Item Data	M	1		n1
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
	100	REF	Reference Identification	O	>1		
	210	DTM	Date/Time Reference	О	10		
	220	DTM	Date/Time Reference	O	10		
	230	DTM	Date/Time Reference	O	10		
	305	PKG	Marking, Packaging, Loading	О	1		

Summary:

	Pos.	Seg.		Req.		Loop N	Notes and
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	Max.Use	Repeat C	<u>Comments</u>
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	О	1		n2
	020	AMT	Monetary Amount	O	1		n3
M	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

- **1.** PO102 is required.
- 2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: ST Transaction Set Header

Position: 010

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the

interchange partners to select the appropriate transaction set definition (e.g., 810

selects the Invoice Transaction Set).

Comments:

M	Ref. Des. ST01	Data Element 143	Name Transaction Set Identifier Code	Attı M	ributes ID 3/3
			Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code	e valı	ies.
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction s	M nsact	AN 4/9

Segment: ${f BEG}$ Beginning Segment for Purchase Order

Position: 020

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying

numbers and dates

Syntax Notes:

Comments:

Semantic Notes:

1 BEG05 is the date assigned by the purchaser to purchase order.

			Du	ta Element Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	BEG01	353	Transactio	on Set Purpose Code	M	ID 2/2
			Code identi	ifying purpose of transaction set		
			EXP does r	not used code values "01" or "20".		
			00	Original		
			01	Cancellation		
			05	Replace		
			20	Final Transmission		
M	BEG02	92	Purchase (Order Type Code	M	ID 2/2
			Code specif	fying the type of Purchase Order		
			BK	Blanket Order (Quantity Firm)		
			SA	Stand-alone Order		
M	BEG03	324	Purchase (Order Number	M	AN 1/22
			Identifying	number for Purchase Order assigned by the order	er/pu	rchaser
M	BEG05	373	Date		\mathbf{M}	DT 8/8
			Date expres	ssed as CCYYMMDD		
			Purchase O	order Date		

Segment: **REF** Reference Identification

Position: 050

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.
1 REF04 contains data relating to the value cited in REF02.

Semantic Notes:

Comments:

M	Ref. <u>Des.</u> REF01	Data Element 128	Name Reference Identification Qualifier	Attributes M ID 2/3
			Code qualifying the Reference Identification	
			DP Department Number	
	REF02	127	Reference Identification	X AN 1/30
	REF03	352	Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier Description	x AN 1/80
	KEFUS	332	A free-form description to clarify the related data elements a	
			M-Men's W-Women's D-Dual This field is used for the Structure Conversion. A gender flag to determine if an item is for Men's, Women's, or Dual (either	g will be assigned

Segment: N9 Reference Identification

Position: 295

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Notes: 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

M	Ref. <u>Des.</u> N901	Data Element 128	<u>Name</u> Reference	Identification Qualifier	Attı M	ributes ID 2/3
			Code quali	fying the Reference Identification		
			PO	Purchase Order Number		
	N902	127	Reference	Identification	\mathbf{X}	AN 1/30
				information as defined for a particular Transactio y the Reference Identification Qualifier	n Set o	or as

Segment: MSG Message Text

Position: 300

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: 1000

Purpose: To provide a free-form format that allows the transmission of text information

Syntax Notes: 1 If MSG03 is present, then MSG02 is required.

Semantic Notes: 1 MSG03 is the number of lines to advance before printing.

Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of

page, advance a line, etc.

 ${\bf 2} \quad \text{If MSG02 is "AA - Advance the specified number of lines before print" then MSG03}$

is required.

	Ref.	Data		
	Des.	Element	Name	<u>Attributes</u>
\mathbf{M}	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
			Order Instructions.	

Segment: N1 Name

Position: 310

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must

provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attı	<u>ributes</u>
M	N101	98	Entity Identifier C	ode	M	ID 2/3
			Code identifying an individual	organizational entity, a physical location	, prop	perty or an
			BY	Buying Party (Purchaser)		
			FA	Facility		
			VN	Vendor		
	N102	93	Name Free-form name		X	AN 1/60
	N103	66	Identification Code	e Qualifier	X	ID 1/2
			Code designating the Code (67)	ne system/method of code structure used f Assigned by Buyer or Buyer's Agent	or Ide	entification
	N104	67	Identification Code		X	AN 2/80
			Code identifying a p	party or other code		
			Vendor Number ID	assigned by Buyer.		

Segment: N3 Address Information

Position: 330

Loop: N1 Optional **Level:** Heading

Level: Heading Usage: Optional Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes: Semantic Notes: Comments:

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Attr	ributes
M	N301	166	Address Information	M	AN 1/55
			Address information		
	N302	166	Address Information	0	AN 1/55
			Address information		

Segment: N4 Geographic Location

Position: 340

Loop: N1 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify the geographic place of the named partySyntax Notes: 1 If N406 is present, then N405 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to

specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

Ref.	Data		
Des.	Element	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	

N404 26 Country Code O ID 2/3
Code identifying the country

 ${\bf Segment:} \qquad {\bf TD5} \ \ {\bf Carrier\ Details\ (Routing\ Sequence/Transit\ Time)}$

Position: 390

Loop: N1 Optional

Level: Heading Usage: Optional Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.
3 If TD507 is present, then TD508 is required.
4 If TD510 is present, then TD511 is required.
5 If TD513 is present, then TD512 is required.
6 If TD514 is present, then TD513 is required.

7 If TD515 is present, then TD512 is required.

Semantic Notes: 1 TD515 is the country where the service is to be performed.

Comments: 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party

responsible for defining the routing sequence, and use TD503 to identify the actual

routing sequence, specified by the party identified in TD502.

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		Attı	<u>ributes</u>
TD504	91	Transportation M	ethod/Type Code	X	ID 1/2
		Code specifying the	e method or type of transportation for the	shipn	nent
		A	Air		
		S	Ocean		
		T	Best Way (Shippers Option)		

 ${f PO1}$ Baseline Item Data **Segment:**

Position: 010

> PO₁ Loop: Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: If PO103 is present, then PO102 is required.

- If PO105 is present, then PO104 is required. 2
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- If either PO112 or PO113 is present, then the other is required.
- If either PO114 or PO115 is present, then the other is required.
- If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

Ref.	Data			
Des.	Element	<u>Name</u>	Attı	<u>ributes</u>
PO101	350	Assigned Identification	O	AN 1/20
		Alphanumeric characters assigned for differentiation within a	tran	saction set
		Sequential PO Line Number		
PO102	330	Quantity Ordered	X	R 1/15
		Quantity ordered		
PO103	355	Unit or Basis for Measurement Code	O	ID 2/2
		Code specifying the units in which a value is being expressed	l, or r	nanner in
		which a measurement has been taken		
		EA Each		
PO104	212	Unit Price	X	R 1/17
		Price per unit of product, service, commodity, etc.		
PO105	639	Basis of Unit Price Code	O	ID 2/2
		Code identifying the type of unit price for an item		
		TE Contract Price per Each		
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number upproduct/Service ID (234)	sed ir	ı
		CB Buyer's Catalog Number		
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Short SKU Number.		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number upproduct/Service ID (234)	sed ir	ı

BO

Buyers Color

PO109	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
PO110	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number u Product/Service ID (234) IZ Buver's Size Code	ised in	l
DO111	224	3	₹7	A NT 1/40
PO111	234	Product/Service ID	X	AN 1/48
DO112	225	Identifying number for a product or service	₹7	ID 2/2
PO112	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number u Product/Service ID (234) IT Buyer's Style Number	isea in	l
PO113	234	Product/Service ID	X	AN 1/48
10110	20.	Identifying number for a product or service		111 (1/ 10
PO114	235	Product/Service ID Qualifier	X	ID 2/2
10114	200	Code identifying the type/source of the descriptive number u		-
		Product/Service ID (234) BD Buyer Ground Shade Identifier	isca iii	•
		For each color there are various degree	s of th	e color red
		for instance has degrees chinese red, fir		
		to each degree a symbol called ground		
		established by both the buyer and seller		
		might be fire engine red, whereas to the classification might have a different sy		
		identify both in a purchase order	111001,	need to
PO115	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
PO116	235	Product/Service ID Qualifier	X	ID 2/2
PO116	235	Code identifying the type/source of the descriptive number u		
PO116	235	Code identifying the type/source of the descriptive number u Product/Service ID (234)		
PO116	235	Code identifying the type/source of the descriptive number to Product/Service ID (234) PC Prime Contractor Part Number		
		Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count	ised in	
PO116 PO117	235	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID		
		Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service	sed in	AN 1/48
		Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B	sed in	AN 1/48
		Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service	sed in	AN 1/48
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Be value of one (1).	X ulk is	AN 1/48 always a ID 2/2
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234)	X ulk is: X used in	AN 1/48 always a ID 2/2
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (green)	X ulk is: X used in	AN 1/48 always a ID 2/2
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (growth of the product of the product of the product of the descriptive number of the product of the product of the product of the descriptive number of the product of the prod	X ulk is: X used in	AN 1/48 always a ID 2/2
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Be value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (greatering) Print or Drawing	X ulk is: X used in	AN 1/48 always a ID 2/2
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type	X ulk is a X used in	AN 1/48 always a ID 2/2 ck) are
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Be value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (gradefined. PT Print or Drawing PT = Pack Type Product/Service ID	X ulk is: X used in	AN 1/48 always a ID 2/2
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Be value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (greatering) Print or Drawing PT Pack Type Product/Service ID Identifying number for a product or service	X ulk is a X used in	AN 1/48 always a ID 2/2 ck) are
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Be value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (gradefined. PT Print or Drawing PT = Pack Type Product/Service ID	X ulk is a X used in	AN 1/48 always a ID 2/2 ck) are
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type Product/Service ID Identifying number for a product or service Codes available: 1 = Bulk (solid pack) 2 = Size PrePack	X ulk is a X used in	AN 1/48 always a ID 2/2 ck) are AN 1/48
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type Product/Service ID Identifying number for a product or service Codes available: 1 = Bulk (solid pack) 2 = Size PrePack 3 = Multiple Packs (holds multiple pieces of one item.) Can	X ulk is a X used in Dup pa	AN 1/48 always a ID 2/2 ck) are AN 1/48
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Bevalue of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type Product/Service ID Identifying number for a product or service Codes available: 1 = Bulk (solid pack) 2 = Size PrePack 3 = Multiple Packs (holds multiple pieces of one item.) Can scale code like PrePacks. (Multiple sizes would belong to the	X ulk is a X used in Dup pa X	AN 1/48 always a ID 2/2 ck) are AN 1/48 eated using a e pack
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Be value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type Product/Service ID Identifying number for a product or service Codes available: 1 = Bulk (solid pack) 2 = Size PrePack 3 = Multiple Packs (holds multiple pieces of one item.) Can scale code like PrePacks. (Multiple sizes would belong to the group.) The difference is that the different sizes would not be	X ulk is a X used in Dup pa X	AN 1/48 always a ID 2/2 ck) are AN 1/48 eated using a e pack
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. Bevalue of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type Product/Service ID Identifying number for a product or service Codes available: 1 = Bulk (solid pack) 2 = Size PrePack 3 = Multiple Packs (holds multiple pieces of one item.) Can scale code like PrePacks. (Multiple sizes would belong to the	X ulk is a X used in Dup pa X	AN 1/48 always a ID 2/2 ck) are AN 1/48 eated using a e pack
PO117	234	Code identifying the type/source of the descriptive number of Product/Service ID (234) PC Prime Contractor Part Number Pack Count Product/Service ID Identifying number for a product or service Pack Count indicates the total number of items in a pack. B value of one (1). Product/Service ID Qualifier Code identifying the type/source of the descriptive number of Product/Service ID (234) See codes at PO119 on how the Solid Pack and PrePack (grodefined. PT Print or Drawing PT = Pack Type Product/Service ID Identifying number for a product or service Codes available: 1 = Bulk (solid pack) 2 = Size PrePack 3 = Multiple Packs (holds multiple pieces of one item.) Can scale code like PrePacks. (Multiple sizes would belong to the group.) The difference is that the different sizes would not be 4 = Color PrePack	X ulk is a X used in Dup pa X	AN 1/48 always a ID 2/2 ck) are AN 1/48 eated using a e pack

Code identifying the type/source of the descriptive number used in Product/Service ID (234) PG Packaging Specification Number Pack Group indicates that the item is part of a Pack group assigned by a sequence number. There will be other items with the same sequence number on the PO which indicates that this item is part of the pack. Product/Service ID X AN 1/48 PO121 234 Identifying number for a product or service PO122 235 Product/Service ID Qualifier X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) Vendor's (Seller's) Item Number VN PO123 234 Product/Service ID X AN 1/48 Identifying number for a product or service

Vendor Item Number.

PID Product/Item Description **Segment:**

Position:

PID Optional Loop:

Level: Detail Optional Usage:

Max Use: 1

Purpose: To describe a product or process in coded or free-form format

If PID04 is present, then PID03 is required. **Syntax Notes:**

- At least one of PID04 or PID05 is required. 3
- If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list being referred to.

- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- PID09 is used to identify the language being used in PID05.

If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If **Comments:**

PID01 equals "X", then both PID04 and PID05 are used.

- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

M	Ref. <u>Des.</u> PID01	Data <u>Element</u> 349	Name Item Description Code indicating to	n Type the format of a description	Attr M	ributes ID 1/1
			F	Free-form		
	PID02	750	Product/Process	s Characteristic Code	O	ID 2/3
			Code identifying	the general class of a product or process ch	aracte	ristic
			08	Product		
				Additional Item Description.		
			GEN	General Description		
				Bulk PO information.		
	PID05	352	Description		X	AN 1/80
			A free-form desc	cription to clarify the related data elements a	and the	eir content

Segment: REF Reference Identification

Position: 100

Loop: PID Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

M	Ref. <u>Des.</u> REF01	Data Element 128	Name Reference Identifi	ication Qualifier	Attı M	ributes ID 2/3		
			Code qualifying th	e Reference Identification				
			FL	Fine Line Classification				
				Fine Line Classifications are used to greso that retail stores can perform analyse shelf space allocation by groups of proc	s of s			
	REF02	127	Reference Identification			AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
			Class Codes					

Segment: DTM Date/Time Reference

Position: 210

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	<u>Name</u>		Attr	<u>ributes</u>
M	DTM01	374	Date/Ti	me Qualifier	M	ID 3/3
			Code sp	ecifying type of date or time, or both date and time		
			001	Cancel After		
	DTM02	373	Date		X	DT 8/8
			Date exp	pressed as CCYYMMDD		

Segment: DTM Date/Time Reference

Position: 220

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

M	Ref. <u>Des.</u> DTM01	Data Element 374	Name Date/Time	Qualifier	Attı M	ributes ID 3/3
			Code specif	Tying type of date or time, or both date and time		
			002	Delivery Requested		
	DTM02	373	Date		X	DT 8/8
			Date expres	sed as CCYYMMDD		

Segment: DTM Date/Time Reference

Position: 230

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.

2 If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

	Ref.	Data				
	Des.	Element	<u>Name</u>		<u>Attr</u>	<u>ributes</u>
M	DTM01	374	Date/Tim	ne Qualifier	\mathbf{M}	ID 3/3
			Code spec	cifying type of date or time, or both date and time		
			010	Requested Ship		
	DTM02	373	Date		X	DT 8/8
			Date expr	ressed as CCYYMMDD		

PKG Marking, Packaging, Loading **Segment:**

Position: 305

> Loop: PO1 Mandatory

Level: Detail Usage: Optional 1

Max Use:

Purpose: To describe marking, packaging, loading, and unloading requirements

At least one of PKG04 PKG05 or PKG06 is required. **Syntax Notes:**

If PKG04 is present, then PKG03 is required. 2

3 If PKG05 is present, then PKG01 is required.

Semantic Notes: 1 PKG04 should be used for industry-specific packaging description codes.

Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, **Comments:** counts, physical restrictions, etc.

If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.

3 Use PKG03 to indicate the organization that publishes the code list being referred to.

Special marking or tagging data can be given in PKG05 (description).

Ref.	Data			
Des.	Element	<u>Name</u>	Att	<u>ributes</u>
PKG01	349	Item Description Type	X	ID 1/1
		Code indicating the format of a description		
		F Free-form		
PKG03	559	Agency Qualifier Code	X	ID 2/2
		Code identifying the agency assigning the code values		
		ZZ Mutually Defined		
PKG04	754	Packaging Description Code	X	AN 1/7
		A code from an industry code list which provides specific damarking, packaging or loading and unloading of a product	ata abo	out the
		GEN - General Description		
		Bulk PO information		1.77.410.0
PKG05	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements a	and the	eir content

Segment: CTT Transaction Totals

Position: 010

Loop: CTT Optional

Level: Summary Usage: Optional

Max Use:

Purpose: To transmit a hash total for a specific element in the transaction set
 Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: 1 This segment is intended to provide hash totals to validate transaction completeness

and correctness.

Data Element Summary

M	Ref. <u>Des.</u> CTT01	Data Element 354	Name Number of Line Items Total number of line items in the transaction set	<u>Attı</u> M	ributes N0 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the summed without regard to decimal points (explicit or important Truncation will occur on the left most digits if the sum is gramaximum size of the hash total of the data element. Example occurrence of value being hashed18 Second occurrence of hashed. 1.8 Third occurrence of value being hashed. 18.01 For value being hashed	olicit) eater the:00 value ourth	or signs. han the 118 First being occurrence

total after truncation to three-digit field.

AMT Monetary Amount **Segment:**

Position:

Optional

CTT (Summary Loop: Level: Usage: Optional

Max Use:

Purpose: To indicate the total monetary amount

Syntax Notes: Semantic Notes: Comments:

	Ref.	Data	·			
	Des.	Element	<u>Name</u>	Att	<u>ributes</u>	
\mathbf{M}	AMT01	522	Amount Qualifier Code	M	ID 1/3	
			Code to qualify amount			
			Refer to 004010 Data Element Dictionary for acceptable cod	e valı	ies.	
M	AMT02	782	Monetary Amount	\mathbf{M}	R 1/18	
			Monetary amount			
	AMT03	478	Credit/Debit Flag Code	O	ID 1/1	
			Code indicating whether amount is a credit or debit			
			Refer to 004010 Data Element Dictionary for acceptable code values.			

Segment: **SE** Transaction Set Trailer

Position: 030

Loop:

Level: Summary Usage: Mandatory

Max Use:

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)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

M	Ref. Des. SE01	Data Element 96	Name Number of Included Segments		ributes N0 1/10
			Total number of segments included in a transaction set include segments	ling S	
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction		AN 4/9 ion set