



850 Purchase Order

Functional Group ID=**PO**

Introduction:

This Standard 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:

Pos. No.	Seg. ID	Name	Des.	Max.Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
040	CUR	Currency	O	1			Use
050	REF	Reference Identification	O	2			Use
060	PEF	Administrative Communication Contact	O	1			Use
080	FOB	F.O.B. Related instructions	O	1			Use
120	SAC	Service, Promotion, Allowance, or Change	O	1			Use
130	ITD	Term of Sale/Deferred Terms of Sale	O	1			Use
150	DTM	Date/Time Reference	O	2			Must use
240	TD5	Carrier Details (Routing Seq./Transit Time)	O	1			Use
LOOP ID - N9					1		
295	N9	Reference Identification	O	1			Use
300	MSG	Message Text	O	2>			Use
LOOP ID - N1					2		
310	N1	Name	O	1			Use
330	N3	Address Information	O	1			Use
340	N4	Geographic Location	O	1			Use

Detail:

Pos. No.	Seg. ID	Name	Des.	Max.Use	Repeat	Notes	Usage
LOOP ID - PO1					100000		
010	PO1	Baseline Item Data	M	1		n1	Must use
LOOP ID - PID					1		
050	PID	Product/Item Description	O	1			Use
090	PO4	Item Physical Details	O	1			Use

Summary:

Pos. No.	Seg. ID	Name	Des.	Max.Use	Repeat	Notes	Usage
LOOP ID - CTT					1		
010	CTT	Transaction Totals	O	1		n2	Use
020	AMT	Monetary Amount	O	1		n2	Use
030	SE	Transaction Set Trailer	M	1			Must Use



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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 AMT02 will indicate total transaction amount as calculated by sender.



850 Purchase Order

Segment: **ISA** Interchange Control Header

Position:

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related Control segments

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ISA01	I01	Authoization Information Qualifier Code to identify the type of information in the Authorization information 00 No Authorization Sent	M ID 2/2
M	ISA02	I02	Authoization Information Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the authorization Information Qualifier (I01)	M ID 10/10
M	ISA03	I03	Security Information Qualifier Code to identify the type of information in the Security Information 00 No Security Information	M ID 2/2
M	ISA04	I04	Security Information This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security information Qualifier (I03)	M ID 10/10
M	ISA05	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M ID 2/2
M	ISA06	I06	Interchange Sender ID Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M ID 15/15
M	ISA07	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M ID 2/2
M	ISA08	I07	Interchange Receiver ID Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M ID 15/15
M	ISA09	I08	Interchange Date Date of the interchange	M DT 6/6



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Segment: **ISA** Interchange Control Header

Position:

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related Control segments

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ISA10	I09	InterchangeTime Time of the interchange	M TM 4/4
M	ISA11	I10	Interchange Control Standards Identifier Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer U	M ID 1/1
M	ISA12	I11	Interchange Control Version Number This version number covers the interchange control segments 00401	M ID 5/5
M	ISA13	I12	Interchange Control Number A control number assigned by the interchange sender	M N0 9/9
M	ISA14	I13	Acknowledgement Requested Code sent by the sender to request an interchange acknowledgment (TA1)	M ID 1/1
M	ISA15	I14	Usage Indicator Code to indicate whether data enclosed by this interchange envelope Is test, product or information P Production T Test	M ID 1/1
M	ISA16	I15	Component Element Separator Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator ~	M 1/1



850 Purchase Order

Segment: **GS Functional Group Header**

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a functional group and to provide control information

- Semantic Notes:
- 1 GS04 is the group date.
 - 2 GS05 is the group time.
 - 3 The data interchange control number GS06 in this header be identical to the same data Element in the associated functional group trailer, GE02.

- Comments:
- 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Data Element Summary

Ref.	Date			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	GS01	479	Functional Identifier Code Code identifying a group of application related transaction sets	M ID 2/2
M	GS02	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15
M	GS03	124	Application Receiver's Code Code identifying party receiving transmission. Codes agreed to by trading partners	M AN 2/15
M	GS04	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	GS05	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M TM 4/8
M	GS06	028	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9
M	GS07	455	Responsible Agency Code Code used in conjunction with Data Element 480 to identify the issuer of the standard	M ID 1/2
M	GS08	480	Version/Release/Industry Identifier Code Code indicating the version, release, subrelease, and industry identifier Of the EDI standard being used, including the GS and GE segments; if code In DE455 in GS segment is X, then in DE 480 positions 1-3 are the version Number; positions 4-6 are the release and subrelease, level of the version; And positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, Then other formats are allowed	M AN 1/12



850 Purchase Order

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

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., 850 selects the Purchase Transaction Set).

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set Functional group assigned by the originator for a transaction set The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.	M AN 4/9



850 Purchase Order

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

Syntax Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 04 Change 05 Replace	M ID 2/2
M	BEG02	092	Purchase Order Type Code Code specifying the type of Purchase Order SA Stand-alone Order	M ID 2/2
M	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the ordered/purchaser	M AN 1/22
M	BEG05	373	Date Original purchase order date	M DT 8/8



850 Purchase Order

Segment: **CUR** Currency
 Position: 040
 Loop:
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	CUR01	098	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M ID 2/3
M	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified USD - U.S. Dollars CAD - Canadian Dollars	M ID 3/3



850 Purchase Order

Segment: **REF** Reference Identification

Position: 050

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To specify identifying information

Syntax Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IA Internal Vendor Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 7/7



850 Purchase Order

Segment: **PER** Administrative Communications Contact

Position: 060

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BD Buy Name or Department	M ID 2/2
M	PER02	093	Name Free-form name	O AN 1/35
	PER03	365	Communication Number Qualifier Code identifying the Telephone Number TE Telephone Number	X ID 2/2
	PER04	364	Communication Number	X AN 1/11
	PER05	365	Communication Number Qualifier Code identifying the Facsimile Number FX Facsimile Number	X ID 2/2
	PER06	364	Communication Number	X AN 1/11



850 Purchase Order

Segment: **FOB** **F.O.B. Related Instructions**
 Position: 080
 Loop:
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To specify transportation instructions relating to shipment
 Syntax Notes: **1** If FOB03 is present, then FOB02 is required.
 Semantic Notes: **1** FOB01 indicates which party will pay the carrier.
 2 FOB02 is the code specifying transportation responsibility location.

Data Element Summary

Ref.	Date			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			CC Collect	
			PP Prepaid	
			PA Advanced Prepaid	
			CF Collect Freight, Credit Back to Customer	
	FOB02	309	Location Qualifier	X ID 1/2
			DE Destination (Shipping)	
			OR Origin(Shipping Point)	
	FOB03	352	Description	O ID 1/80
			A free-form description to clarify the related data elements and their content	
			Free-form name of transportation responsibility location	



850 Purchase Order

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
 Position: 120
 Loop:
 Level: Heading
 Usage: Optional
 Max Use: >1
 Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:

Semantic Notes: 1. If SAC01 is "A" or "C", then at least one SAC05, SAC07, or SAC08 is required.

Comments: 1. If not sending a charge or allowance, this segment will not be sent.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator Code Description A Allowance C Charge	M ID 1/1
M	SAC02	1300	Service, Promotion, Allowance, or Charge Code Code Description ZZZZ Mutually Defined	C ID 4/4
M	SAC05	610	Amount	O N2 1/15
M	SAC15	325	Description	X AN 1/80



850 Purchase Order

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
 Position: 130
 Loop:
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To specify terms of sale
 Syntax Notes:
 Semantic Notes:

Data Element Summary

<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	Terms Type Code Code identifying type of payment terms 01 Basic	O ID 2/2
ITD02	333	Terms Basic Date Code ZZ Mutually Defined	O ID 1/2
ITD07	386	Terms Net Days Number of days until total invoice amount is due(discount not applicable)	O N0 1/3
ITD12	352	Description A free-form description to clarify the related data elements and their content.	O ID 1/80



850 Purchase Order

Segment: **DTM** Date/Time Reference

Position: 150

Loop:

Level: Heading

Usage: Mandatory

Max Use: **2**

Purpose: To specify pertinent dates and times

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

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			010 Requested Ship	
			001 Cancel After	
M	DTM02	333	Date	M DT 8/8
			Date expressed as CCYYMMDD	



850 Purchase Order

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)

Position: 240

Loop:

Level: Heading

Usage: Optional

Max Use: 1

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

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

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	TD505	387	Routing	M AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	



850 Purchase Order

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.

Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference identification Qualifier Code qualifying the Reference Identification L1 Letters or Notes	M ID 2/3
M	N903	369	Free-form Description Free-form descriptive text REMARKS	M AN 1/45



850 Purchase Order

Segment: **MSG** Message Text

Position: 300

Loop: N9 Optional

Level: Heading

Usage: Optional

Max Use: 2 >

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

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message text Free-form message text	M ID 1/80



850 Purchase Order

Segment: **N1** Name
 Position: 310
 Loop: N1 Optional
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To identify a party by type of organization, name, and code
 Syntax Notes: **1** At least of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	098	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an Individual BT Bill To Party VN Vendor (For Import Only)	M ID 2/3
M	N102	093	Name Free-form name	O AN 1/35



850 Purchase Order

Segment: **N3** **Address Information**
 Position: 330
 Loop: N1 Optional
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35



850 Purchase Order

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 party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N401	019	City Name Free-form text for city name	M AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
	N404	026	Country Code Code identifying the country	O ID 2/3



850 Purchase Order

Segment: **N1** Name

Position: 310

Loop: N1 Mandatory

Level: Heading

Usage: Mandatory

Max Use: 1

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

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

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

Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	098	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an Individual ST Ship To	M ID 2/3
M	N102	093	Name Free-form name	O AN 1/35
M	N103	066	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	O ID 1/2
M	N104	067	Identification Code Code identifying a party or other code This is Maurice Internal D.C. Location number	O AN 4/4



850 Purchase Order

Segment: **N3** **Address Information**
 Position: 330
 Loop: N1 Mandatory
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To specify the location of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35



850 Purchase Order

Segment: **N4** **Geographic Location**
 Position: 340
 Loop: N1 Mandatory
 Level: Heading
 Usage: Optional
 Max Use: 1
 Purpose: To specify the geographic place of the named party
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Date Element</u>	<u>Name</u>	<u>Attributes</u>
M	N401	019	City Name Free-form text for city name	M AN 2/30
M	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
M	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
	N404	026	Country Code Code identifying the country	O ID 2/3



850 Purchase Order

Segment: **PO1** **Baseline Item Data**
 Position: 010
 Loop: PO1 Mandatory
 Level: Detail
 Usage: Mandatory
 Max Use: 1
 Purpose: To specify basic and most frequently used line item data
 Syntax Notes: 1 If PO103 is present, then PO102 is required
 2 If PO105 is present, then PO104 is required
 3 If PO106 or PO107 is present, then the other is required
 4 If PO108 or PO109 is present, then the other is required
 5 If PO110 or PO111 is present, then the other is required
 6 If PO112 or PO113 is present, then the other is required

Data Element Summary

Ref.	Date	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M		PO102	330	Quantity Order Quantity ordered	M R 1/6
M		PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each CA Case	M ID 2/2
M		PO104	212	Unit Price Price per unit of product, service, commodity, etc. A maximum of three digits to the right of the decimal can be sent.	X R 1/17
M		PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CB Buyer Catalog Number	X ID 2/2
M		PO107	234	Product/Service ID Identifying number for a product or service Buyer Item Number	X AN 1/8
M		PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP A 12-digit number EAN/UCC-12 Univeral product Code(U.P.C) UK A 14-digit number EAN/UCC-14 Global Trade Identification Number(GTIN)	X ID 2/2
M		PO109	234	Product/Service ID Identifying number for a product or service	X AN 1/14



850 Purchase Order

Segment: **PO1** **Baseline Item Data**
 Position: 010
 Loop: PO1 Mandatory
 Level: Detail
 Usage: Mandatory

PO110	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VP Vendor's (Seller's) Part Number	
PO111	234	Product/Service ID	X AN 1/20
		Identifying number for a product or service	
		Vendor Part Number	
PO112	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		HD International harmonized Commodity Code	
PO113	234	Product/Service ID	X AN 1/20
		Identifying number for a product or service	
		Tariff Code	
		For Customs authority purposes, the class and description of a subject or Material item per harmonized agreements on tariff commodity codes.	
		(For Import Only)	



850 Purchase Order

Segment: **PID** **Product/Item Description**
 Position: 050
 Loop: PID Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To describe a product or process in coded or free-form format
 Syntax Notes:
 Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
M	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product	O ID 2/3
M	PID05	352	Description A free-form description to clarify the related data elements and their content <u>Item Description</u>	M AN 1/30



850 Purchase Order

Segment: **PO4** Item Physical Details

Position: 090

Loop: PO1 Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	PO401	356	Pack	M N0 1/6
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
			Number of Inner Units per Outer container (case)	
M	PO414	810	Inner Pack	M N0 1/6
			The number of eaches per inner container.	



850 Purchase Order

Segment: **CTT** **Transaction Totals**
 Position: 010
 Loop: CTT Mandatory
 Level: Summary
 Usage: Mandatory
 Max Use: 1
 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: This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
M	CTT02	347	Hash Total Total Quantity	O R 1/10



850 Purchase Order

Segment: **AMT** Monetary Amount

Position: 020

Loop: CTT

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To indicate the total monetary amount

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	552	Amount Qualifier Code TT Total Transaction Amount	M ID 1/3
M	AMT02	782	Monetary Amount This is the total amount of the purchase order (including charges, less allowance) before terms	M R 1/18



850 Purchase Order

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)

Syntax Notes:

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

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	SE01	096	Number of included Segments Total number of segments included in a transaction set including ST and SE segments	M NO 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set Functional group assigned by the originator for a transaction set	M AN 4/9



850 Purchase Order

Segment: **GE** Function Group Trailer

Position:

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of a functional group and to provide control information

Syntax Notes:

Semantic Notes: 1. The data interchange control number GE02 in this trailer must be identical to the same data Element in the associated functional group header, GS06.

Comments: 1. The use of identical data interchange control number in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
M	GE01	097	Number of Transaction Sets Included Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing the data element.	M N0 1/6
M	GE02	028	Group Control Number Assigned number originated and maintained by the sender	M N0 1/9



850 Purchase Order

Segment: **IEA** Interchange Control Trailer

Position:

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Date</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M N0 1/5
M	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M N0 9/9



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Sample:

ST*850*000000006~
 BEG*00*SA*7554002**20020812~
 CUR*BY*USD~
 REF*IA*AA12345~
 PER*BD*KAREN RUBIO/ 847-715-1229*TE*18477151229*FX*18477151439~
 FOB*PP*OR*DESTINATN~
 SAC*A*ZZZZ***160314*****VOLUME REBATE~
 ITD*01*ZZ*****Net 45 days~
 DTM*010*20020913~
 DTM*001*20021004~
 N9*L1*REMARKS~
 MSG*@@~
 MSG*@ NOTE: @~
 MSG*@ RUSH ORDER - PLEASE SHIP AT ONCE. THANK YOU. @~
 MSG*@@~
 N1*BT*YOUR COMPANY~
 N1*ST*MAURICE WESTERN WAREHOUSE*92*0015~
 N3*4674 AIRCENTER CIRCLE~
 N4*RENO*NV*895025949*US~
 PO1*1*216*EA*17.00**CB*005009*UP*022255340182*VP*PFX2FFX60M~
 PID*F*08***FX 2000 FA/FX 6'0" MED~
 PO1*2*60*EA*17.00**CB*005215*UP*022255339988*VP*PFX1RFX56L~
 PID*F*08***FX 1000 RA/FX 5'6" LIGHT~
 PO1*3*732*EA*13.50**CB*015057*UP*022255341233*VP*PIX4RFX66M~
 PID*F*08***IX 4000 W/FX 6'6"MED COMBO~
 CTT*3*1008~
 AMT*TT*12970.86~
 SE*28*000000006~



850 Purchase Order

Distribution Centers

Maurice Chicago Warehouse #0011

1825 Shermer Road
Northbrook, IL. 60062-5385

Maurice Atlanta Warehouse #0012

1325 Hwy. 155 South
McDonough GA, 30253-7506

Maurice Western Warehouse #0015

4980 Longley Lane
Reno NV. 89502-7932

Maurice Canada Warehouse #0016

7045 Beckett Dr. Unit 15
Mississauga ON. L5S 2A3