

Sprouts Farmers Market 875 Grocery Products Purchase Order

X12/V5010/875 : 875 Grocery Products Purchase Order

Version: 1.0 Final

Author:	SPS Commerce
Company:	Sprouts Farmrs Market
Publication:	2/22/2018
Trading Partner:	
Notes:	

Table of Contents

875	Grocery Products Purchase Order	1
ST	Transaction Set Header	3
G50	Purchase Order Identification	4
N9	Extended Reference Information	5
G61	Contact	6
G62	Date/Time	7
NTE	Note/Special Instruction	8
G66	Transportation Instructions	9
G23	Terms of Sale	10
0100	Loop Party Identification	12
N1	Party Identification	13
N2	Additional Name Information	14
N3	Party Location	15
N4	Geographic Location	16
0300	Loop Line Item Detail - Product	17
G68	Line Item Detail - Product	18
G69	Line Item Detail - Description	20
G70	Line Item Detail - Miscellaneous	21
N9	Extended Reference Information	22
0310	Loop Allowance or Charge	23
G72	Allowance or Charge	24
G73	Allowance or Charge Description	25
G76	Total Purchase Order	26
SE	Transaction Set Trailer	27

875 Grocery Products Purchase Order

Functional Group=OG

Purpose: This X12 Transaction Set contains the format establishes the data contents of the Grocery Products Purchase Order Transaction Set (875) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to the placement of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request delivery of finished goods from a broker or supplier organization. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	G50	Purchase Order Identification	M	1			Must use
0300	N9	Extended Reference Information	M	50			Must use
0400	G61	Contact	O	3			Used
0500	G62	Date/Time	O	10			Used
0600	NTE	Note/Special Instruction	O	20			Used
0700	G66	Transportation Instructions	O	1			Used
0800	G23	Terms of Sale	O	20		N1/0800	Used
LOOP ID - 0100					10	N1/0900L	
0900	N1	Party Identification	M	1		N1/0900	Must use
1000	N2	Additional Name Information	O	1			Used
1100	N3	Party Location	O	2			Used
1200	N4	Geographic Location	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - 0300					9999		
0100	G68	Line Item Detail - Product	M	1			Must use
0200	G69	Line Item Detail - Description	M	5			Must use
0300	G70	Line Item Detail - Miscellaneous	M	2			Must use
0400	N9	Extended Reference Information	O	10			Used
LOOP ID - 0310					100		
0600	G72	Allowance or Charge	O	1			Used
0700	G73	Allowance or Charge Description	O	10			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	G76	Total Purchase Order	M	1			Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 1/0800 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G68 segment.
- 1/0900L One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.
- 1/0900 One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.

General Usage:

Purchase Orders—Suppliers will be required to support the receipt of Purchase Order data from Sprouts Farmers Market as part of the process of automating orders. Order types appear to suppliers as Bulk Shipments to the Distribution Center, Direct Shipments to the store and Promotion/Prebook orders.

Change History:

08/10/2018

- Updated the G70 segment to be mandatory. The case pack value will always be provided.

01/09/2019

- Added G7002 and G7003 elements.

3/18/2022

-Added NP, RC, NS, OS as valid G5007 codes

-Added PD as optional valid N901 code

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set All valid standard codes are used. (Total Codes: 318)						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used
Description: Reference assigned to identify Implementation Convention						

Semantics:

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).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

G50 Purchase Order Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To transmit identifying dates and numbers for this transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>														
G5001	473	Order Status Code	M	ID	1/1	Must use														
Description: Code identifying purpose of transaction set																				
CodeList Summary (Total Codes: 13, Included: 1)																				
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>N</td><td>Original</td></tr></table>							<u>Code</u>	<u>Name</u>	N	Original										
<u>Code</u>	<u>Name</u>																			
N	Original																			
G5002	373	Date	M	DT	8/8	Must use														
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year																				
G5003	324	Purchase Order Number	M	AN	1/22	Must use														
Description: Identifying number for Purchase Order assigned by the orderer/purchaser																				
G5007	92	Purchase Order Type Code	M	ID	2/2	Must use														
Description: Code specifying the type of Purchase Order																				
CodeList Summary (Total Codes: 76, Included: 7)																				
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DR</td><td>Direct Ship</td></tr><tr><td>NP</td><td>New Product Introduction</td></tr><tr><td>NS</td><td>New Store Opening</td></tr><tr><td>OS</td><td>Special Order</td></tr><tr><td>PR</td><td>Promotion</td></tr><tr><td>RC</td><td>Retailer Pre-commitment</td></tr></table>							<u>Code</u>	<u>Name</u>	DR	Direct Ship	NP	New Product Introduction	NS	New Store Opening	OS	Special Order	PR	Promotion	RC	Retailer Pre-commitment
<u>Code</u>	<u>Name</u>																			
DR	Direct Ship																			
NP	New Product Introduction																			
NS	New Store Opening																			
OS	Special Order																			
PR	Promotion																			
RC	Retailer Pre-commitment																			
User Note 1:																				
Holiday																				
SA Stand-alone Order																				

Syntax Rules:

1. P0506 - If either G5005 or G5006 is present, then the other is required.

Semantics:

1. G5002 is the date assigned by the purchaser to the purchase order.

N9 Extended Reference Information

Pos: 0300	Max: 50
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 4)

Code Name

11 Account Number

User Note 1:

Vendor assigned Account Number

DP Department Number

IA Internal Vendor Number

User Note 1:

Sprouts assigned Vendor Number - Required

PD Promotion/Deal Number

N902	127	Reference Identification	X	AN	1/50	Used
------	-----	--------------------------	---	----	------	------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

G61 Contact

Pos: 0400	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6101	366	Contact Function Code	M	ID	2/2	Must use
Description: Code identifying the major duty or responsibility of the person or group named						
CodeList Summary (Total Codes: 238, Included: 1)						
<u>Code</u> <u>Name</u>						
BD Buyer Name or Department						
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 42, Included: 2)						
<u>Code</u> <u>Name</u>						
EM Electronic Mail						
TE Telephone						
G6104	364	Communication Number	X	AN	1/256	Used
Description: Complete communications number including country or area code when applicable						

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

G62 Date/Time

Pos: 0500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	M	ID	2/2	Must use

Description: Code specifying type of date

CodeList Summary (Total Codes: 139, Included: 3)

Code **Name**

02 Delivery Requested on This Date

User Note 1:

Requested Delivery Date

10 Requested Ship Date/Pickup Date

User Note 1:

Requested Ship Date

69 Scheduled Pickup Date

User Note 1:

Requested Pickup Date

G6202	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *If Delivery Date provided is today or tomorrow, it is expected that orders are shipped as soon as possible.*

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

User Note 1:

If no date is provided, it is expected that orders are shipped as soon as possible.

NTE Note/Special Instruction

Pos: 0600	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NTE01	363	Note Reference Code	M	ID	3/3	Must use

Description: Code identifying the functional area or purpose for which the note applies

CodeList Summary (Total Codes: 348, Included: 1)

Code Name

GEN Entire Transaction Set

NTE02	352	Description	M	AN	1/80	Must use
-------	-----	-------------	---	----	------	----------

Description: A free-form description to clarify the related data elements and their content

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

G66 Transportation Instructions

Pos: 0700	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify transportation instructions relating to the shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6605	387	Routing	O	AN	1/35	Used

Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

G23 Terms of Sale

Pos: 0800	Max: 20
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To specify the terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G2301	336	Terms Type Code	M	ID	2/2	Must use
Description: Code identifying type of payment terms						
CodeList Summary (Total Codes: 77, Included: 1)						
<u>Code</u> <u>Name</u>						
ZZ Mutually Defined						
G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
Description: Code identifying the beginning of the terms period						
CodeList Summary (Total Codes: 17, Included: 3)						
<u>Code</u> <u>Name</u>						
1 Ship Date						
3 Invoice Date						
15 Receipt of Goods						
G2305	338	Terms Discount Percent	O	R	1/6	Used
Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date						
G2307	351	Terms Discount Days Due	O	N0	1/3	Used
Description: Number of days in the terms discount period by which payment is due if terms discount is earned						
G2309	386	Terms Net Days	X	N0	1/3	Used
Description: Number of days until total invoice amount is due (discount not applicable)						
G2315	3	Free-form Message	O	AN	1/60	Used
Description: Free-form text						

Syntax Rules:

1. R0809 - At least one of G2308 or G2309 is required.

Comments:

1. The G23 segment may be used for the detail or the total transaction set level. Refer to the transaction set assumptions for details on proper usage.
2. If G2301 equals "04" (deferred or installment) then either G2313 or G2314 is required and the data in the segment pertains only to the portion of the invoice described in G2313 or G2314. If G2301 equals "11" (elective) then G2304 is required. If G2301 is not equal to "05" (discount not applicable) then (G2305 or G2310) and (G2306 or G2307) is required. If G2301 equals "ZZ" (other) then G2315 is required. Multiple use of this segment when G2301 equals "04" (deferred or installment) always implies an "AND" relationship. When G2301 equals "06" (mixed) or "11" (elective) an "OR" relationship is always implied.

3. G2310 is a memo figure requiring specific payment performance and therefore should not be negative.
4. When elective terms are offered in a deferred or installment situation, G2316 (Installment Group Indicator - DE 713) must be used to properly group the terms within each installment.

Loop Party Identification

Pos: 0900 Repeat: 10
Mandatory
Loop: 0100 Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0900	N1	Party Identification	M	1		Must use
1000	N2	Additional Name Information	O	1		Used
1100	N3	Party Location	O	2		Used
1200	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 0900	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1500, Included: 2)				
		<u>Code</u> <u>Name</u>				
		SF Ship From				
		ST Ship To				
N102	93	Name	O	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 241, Included: 2)				
		<u>Code</u> <u>Name</u>				
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.

User Note 1:

N104 will always be provided when N101 = ST.

N2

Additional Name Information

Pos: 1000

Max: 1

Heading - Optional

Loop: 0100

Elements: 1

User Option (Usage): Used
Purpose: To specify additional names

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use
Description: Free-form name						

N3 Party Location

Pos: 1100	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 1200	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

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.

Loop Line Item Detail - Product

Pos: 0100 Repeat: 9999
Mandatory
Loop: 0300 Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	G68	Line Item Detail - Product	M	1		Must use
0200	G69	Line Item Detail - Description	M	5		Must use
0300	G70	Line Item Detail - Miscellaneous	M	2		Must use
0400	N9	Extended Reference Information	O	10		Used
0600		Loop 0310	O		100	Used

G68 Line Item Detail - Product

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 8

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6801	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
G6802	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 844, Included: 3)				
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
		LB Pound				
G6803	237	Item List Cost	O	R	1/9	Used
		Description: Gross unit cost within the appropriate price bracket for a line item				
		User Note 1: This is the NET Purchase Price				
G6804	438	U.P.C. Case Code	O	AN	12/12	Used
		Description: Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)				
G6805	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 2)				
		<u>Code</u> <u>Name</u>				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				
G6806	234	Product/Service ID	O	AN	1/48	Used
		Description: Identifying number for a product or service				
G6807	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 2)				
		<u>Code</u> <u>Name</u>				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				

G6808	234	Product/Service ID	O	AN	1/48	Used
-------	-----	--------------------	---	----	------	------

Description: Identifying number for a product or service

Syntax Rules:

1. R0405 - At least one of G6804 or G6805 is required.
2. P0506 - If either G6805 or G6806 is present, then the other is required.
3. P0708 - If either G6807 or G6808 is present, then the other is required.
4. P1011 - If either G6810 or G6811 is present, then the other is required.

Semantics:

1. G801 is quantity ordered.

Comments:

1. G6802 qualifies G6801.

G69 Line Item Detail - Description

Pos: 0200	Max: 5
Detail - Mandatory	
Loop: 0300	Elements: 1

User Option (Usage): Must use

Purpose: To describe an item in free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6901	369	Free-form Description	M	AN	1/45	Must use

Description: Free-form descriptive text

G70 Line Item Detail - Miscellaneous

Pos: 0300	Max: 2
Detail - Mandatory	
Loop: 0300	Elements: 3

User Option (Usage): Must use

Purpose: To provide for miscellaneous information relative to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7001	356	Pack	M	N0	1/6	Must use

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

User Note 1: Number of eaches in a case, when ordering by the case.

G7002	357	Size	X	R	1/8	Used
-------	-----	------	---	---	-----	------

Description: Size of supplier units in pack

G7003	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 844, Included: 4)

Code	Name
GA	Gallon
LB	Pound
LT	Liter
OZ	Ounce - Av

Syntax Rules:

1. P0203 - If either G7002 or G7003 is present, then the other is required.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 2)

Code Name

LI Line Item Identifier (Seller's)

User Note 1:

Line Sequence Number

ZZ Mutually Defined

User Note 1:

General Line Item Notes

N902	127	Reference Identification	X	AN	1/50	Used
------	-----	--------------------------	---	----	------	------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

N903	369	Free-form Description	X	AN	1/45	Used
------	-----	-----------------------	---	----	------	------

Description: Free-form descriptive text

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Loop Allowance or Charge

Pos: 0600	Repeat: 100
Optional	
Loop: 0310	Elements: N/A

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0600	G72	Allowance or Charge	O	1		Used
0700	G73	Allowance or Charge Description	O	10		Used

G72 Allowance or Charge

Pos: 0600	Max: 1
Detail - Optional	
Loop: 0310	Elements: 3

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

CodeList Summary (Total Codes: 127, Included: 1)

Code Name

51 Trade Discount

User Note 1:

Generic Line Item Discount

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
-------	-----	---	---	----	-----	----------

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 3)

Code Name

01 Bill Back

02 Off Invoice

06 Charge to be Paid by Customer

G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used
-------	-----	----------------------------------	---	----	------	------

Description: Total dollar amount for the allowance or charge

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.
4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

Semantics:

1. G7209 is the allowance or charge percent.

Comments:

1. The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

G73 Allowance or Charge Description

Pos: 0700	Max: 10
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used

Purpose: To describe the allowance or charge in free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7301	369	Free-form Description	M	AN	1/45	Must use

Description: Free-form descriptive text

Comments:

1. Use of the G73 segment requires concurrent use of a corresponding allowance/charge segment.

G76 Total Purchase Order

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7601	380	Quantity	M	R	1/15	Must use
Description: Numeric value of quantity						
G7602	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
CodeList Summary (Total Codes: 844, Included: 1)						
<u>Code</u> <u>Name</u>						
UN Unit						

Syntax Rules:

1. P0304 - If either G7603 or G7604 is present, then the other is required.
2. P0506 - If either G7605 or G7606 is present, then the other is required.
3. C0704 - If G7607 is present, then G7604 is required.

Semantics:

1. G7601 is quantity ordered.
2. G7608 indicates the total monetary amount of the purchase order as determined by the buyer.

Comments:

1. G7602 qualifies G7601.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must 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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

Comments:

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