Performance Foodservice 875 Grocery Products Purchase Order

X12/V5010/875 : 875 Grocery Products Purchase Order

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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.

User Note 1:

Change History

November 2023
- Added 'PB' as a valid G6601

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	G50	Purchase Order Identification	M	1			Must use
0300	N9	Extended Reference Information	M	3			Must use
0400	G61	Contact	O	2			Used
0500	G62	Date/Time	M	3			Must use
0600	NTE	Note/Special Instruction	O	20			Used
0700	G66	Transportation Instructions	O	1			Used
0800	G23	Terms of Sale	O	1		N1/0800	Used
LOOP ID - 0100					**5**	**N1/0900L**	
0900	N1	Party Identification	M	1		N1/0900	Must use
1000	N2	Additional Name Information	O	1			Used
1100	N3	Party Location	M	2			Must use
1200	N4	Geographic Location	M	1			Must use
LOOP ID - 0200					**25**		
1300	G72	Allowance or Charge	M	1			Must use
1400	G73	Allowance or Charge Description	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**9999**		
0100	G68	Line Item Detail - Product	M	1			Must use
0200	G69	Line Item Detail - Description	M	1			Must use
0300	G70	Line Item Detail - Miscellaneous	O	1			Used
0400	N9	Extended Reference Information	M	10			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0310					**25**		
0600	G72	Allowance or Charge	M	1			Must use
0700	G73	Allowance or Charge Description	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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.

ST   Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 318, Included: 1)

Code	Name
875	Grocery Products Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
N	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G5003	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 2)

Code	Name
DS	Dropship
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: 3**
Heading - Mandatory	
Loop: N/A	**Elements: 3**

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: 3)

Code	Name
19	Division Identifier

> > **User Note 1:**
> > *Optional - PFS assigned division number*

CO	Customer Order Number

> > **User Note 1:**
> > *Optional*

IA	Internal Vendor Number

> > **User Note 1:**
> > *Mandatory - PFS assigned Vendor ID*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

> **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.

G61 Contact

Pos: 0400	**Max: 2**
Heading - Optional	
Loop: N/A	**Elements: 4**

User Option (Usage): Used

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

User Note 1:

If both phone and email are provided, the Buyer Name will repeat for both G61 repetitions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
BD	Buyer Name or Department

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
EM	Electronic Mail
TE	Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 3**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

> **User Note 1:**
>
> *One iteration of the DTM segment will always be present with either the Requested Pick Up or Delivery Requested date.*

Element Summary:

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

Description: Code specifying type of date

> **User Note 1:** *One of Delivery Requested (02) or Pickup Date (69) is required*

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

Code	Name
02	Delivery Requested on This Date

> **User Note 1:**
>
> *Conditional*

Code	Name
10	Requested Ship Date

> **User Note 1:**
>
> *Optional*

Code	Name
69	Requested Pickup Date

> **User Note 1:**
>
> *Conditional*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

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.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 5

User Option (Usage): Used

Purpose: To specify transportation instructions relating to the shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6601	146	**Shipment Method of Payment**	O	ID	2/2	Used

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 31, Included: 3)

Code	Name
CC	Collect
PB	Customer Pickup/Backhaul
PP	Prepaid (by Seller)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6602	91	**Transportation Method/Type Code**	O	ID	1/2	Used

Description: Code specifying the method or type of transportation for the shipment

CodeList Summary (Total Codes: 80, Included: 2)

Code	Name
H	Customer Pickup
M	Motor (Common Carrier)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6606	433	**F.O.B. Point Code**	O	ID	2/2	Used

Description: Code identifying type of F.O.B. point

CodeList Summary (Total Codes: 4, Included: 2)

Code	Name
02	Destination
04	Point of Origin

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6607	434	**F.O.B. Point**	O	AN	1/30	Used

Description: Descriptive name of F.O.B. point

G23 Terms of Sale

<table>
<tr><td>Pos: 0800</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 7</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify the terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
01	Basic

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
1	Ship Date
2	Delivery Date
3	Invoice Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2307	351	**Terms Discount Days Due**	C	N0	1/3	Used

Description: Number of days in the terms discount period by which payment is due if terms discount is earned

User Note 1: *If either G2305 or G2310 are present, G2307 is required*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2309	386	**Terms Net Days**	M	N0	1/3	Must use

Description: Number of days until total invoice amount is due (discount not applicable)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2310	362	**Terms Discount Amount**	O	N2	1/10	Used

Description: Total amount of terms discount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 5**

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:

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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 5)

Code	Name
BT	Bill-to-Party

User Note 1:
Mandatory

Code	Name
BY	Buying Party (Purchaser)

User Note 1:
Optional

Code	Name
SF	Ship From

User Note 1:
Optional

Code	Name
ST	Ship To

User Note 1:
Mandatory

Code	Name
VN	Vendor

User Note 1:
Optional

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	C	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

User Note 1: *Required when N101=BT*
Required when N101=ST and G5007=SA

CodeList Summary (Total Codes: 241, Included: 2)

Code	Name
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	C	AN	2/80	Used

Description: Code identifying a party or other code

User Note 1: *Required when N101=BT*
Required when N101=ST and G5007=SA

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**

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.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use

        Description: Free-form name

N3 Party Location

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

User Option (Usage): Must use

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 - Mandatory
Loop: 0100   Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	M	AN	2/30	Must use

Description: Free-form text for city name

| N402 | 156 | **State or Province Code** | M | ID | 2/2 | Must use |

Description: Code (Standard State/Province) as defined by appropriate government agency

| N403 | 116 | **Postal Code** | M | ID | 3/15 | Must use |

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

| N404 | 26 | **Country Code** | O | 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 Allowance or Charge

<div style="border:1px solid black">

Pos: 1300   **Repeat: 25**

Optional

Loop: 0200   Elements: N/A

</div>

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1300	G72	Allowance or Charge	M	1		Must use
1400	G73	Allowance or Charge Description	O	1		Used

G72 Allowance or Charge

<div style="border:1px solid">

Pos: 1300   **Max: 1**

Heading - Mandatory

Loop: 0200   Elements: 4

</div>

User Option (Usage): Must use

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: 8)

Code	Name
1	Free Goods
41	Terms Allowance
43	Display Allowance

> **User Note 1:**
>
> *Promotional Allowance*

47	Competitive Marketing Allowance

> **User Note 1:**
>
> *Price & Marketing Allowance*

90	Performance Allowance

> **User Note 1:**
>
> *Promotional Discount*

499	Other Allowance

> **User Note 1:**
>
> *Special Allowance*

503	Special Handling

> **User Note 1:**
>
> *Transportation Charge*

504	Freight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 1)

Code	Name
02	Off Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7203	341	**Allowance or Charge Number**	X	AN	1/16	Used

Description: The number assigned by a vendor referencing an allowance, promotion, deal or charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7205	359	**Allowance or Charge Rate**	M	R	1/15	Must use

Description: Allowance or Charge Rate per Unit

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: 1400   Max: 1
Heading - Optional
Loop: 0200   Elements: 1

User Option (Usage): Used
Purpose: To describe the allowance or charge in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	G68	Line Item Detail - Product	M	1		Must use
0200	G69	Line Item Detail - Description	M	1		Must use
0300	G70	Line Item Detail - Miscellaneous	O	1		Used
0400	N9	Extended Reference Information	M	10		Must use
0600		Loop 0310	O		25	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

User Note 1:
At least one of PFS SKU, Vendor Part Number or UPC will be present on all orders. Recommended to return all part numbers sent on return documents.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6801	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 5)

Code	Name
CA	Case
EA	Each
KG	Kilogram
LB	Pound
PK	Package

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: *Price will be included on most orders. If you have questions regarding price not being present on your orders, please reach out to your PFS contact.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6804	438	**U.P.C. Case Code**	C	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)

User Note 1: *If value provided is not min/max of 12/12, the UPC will be sent to N902 (N901= UP)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6805	235	**Product/Service ID Qualifier**	C	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: 1)

Code	Name
SK	Stock Keeping Unit (SKU)

User Note 1:
PFS assigned SKU

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6806	234	**Product/Service ID**	C	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				
G6807	235	**Product/Service ID Qualifier**	C	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: 1)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6808	234	**Product/Service ID**	C	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: 1
Detail - Mandatory
Loop: 0300   Elements: 1

User Option (Usage): Must use

Purpose: To describe an item in free-form format

Element Summary:

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

     Description: Free-form descriptive text

G70 Line Item Detail - Miscellaneous

Pos: 0300   Max: 1
Detail - Optional
Loop: 0300   Elements: 1

User Option (Usage): Used

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

Syntax Rules:

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

N9 Extended Reference Information

<table>
<tr><td>Pos: 0400</td><td>Max: 10</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: 0300</td><td>Elements: 2</td></tr>
</table>

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
LI	Line Item Identifier

User Note 1:

Mandatory - PO Line #

UK	GTIN

User Note 1:

Optional - used to send GTIN

Min/max = 1/48

UP	UPC

User Note 1:

If UPC is provided, and it is not min/max of 12/12, will be sent here instead of G6804

ZZ	Mutually Defined

User Note 1:

General line item note.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

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.

Loop Allowance or Charge

<div style="border:1px solid black">

Pos: 0600   **Repeat: 25**

Optional

Loop: 0310   Elements: N/A

</div>

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0600	G72	Allowance or Charge	M	1		Must use
0700	G73	Allowance or Charge Description	O	1		Used

G72 Allowance or Charge

<div>
Pos: 0600   Max: 1
Detail - Mandatory
Loop: 0310   Elements: 4
</div>

User Option (Usage): Must use
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: 8)

Code	Name
1	Free Goods
41	Terms Allowance
43	Display Allowance

> **User Note 1:**
> *Promotional Allowance*

Code	Name
47	Competitive Marketing Allowance

> **User Note 1:**
> *Price & Marketing Allowance*

Code	Name
90	Performance Allowance

> **User Note 1:**
> *Promotional Discount*

Code	Name
499	Other Allowance

> **User Note 1:**
> *Special Allowance*

Code	Name
503	Special Handling

> **User Note 1:**
> *Transportation Charge*

Code	Name
504	Freight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 1)

Code	Name
02	Off Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7203	341	**Allowance or Charge Number**	X	AN	1/16	Used

Description: The number assigned by a vendor referencing an allowance, promotion, deal or charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7205	359	**Allowance or Charge Rate**	M	R	1/15	Must use

Description: Allowance or Charge Rate per Unit

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: 1
Detail - Optional
Loop: 0310   Elements: 1

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 7**

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7601	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

User Note 1: *UN is used in case the PO has a mix of UOMs*

CodeList Summary (Total Codes: 844, Included: 1)

Code	Name
UN	Unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7603	81	**Weight**	X	R	1/10	Used

Description: Numeric value of weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7604	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: 1)

Code	Name
LB	Pound

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7605	183	**Volume**	X	R	1/8	Used

Description: Value of volumetric measure

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7606	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: 1)

Code	Name
CF	Cubic Feet

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7608	610	**Amount**	O	N2	1/15	Used

Description: Monetary amount

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

<div style="border: 1px solid black;">

Pos: 0200   Max: 1

Summary - Mandatory

Loop: N/A   Elements: 2

</div>

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.