

850

Purchase Order

Functional Group=**PO**

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0600	PER	Administrative Communications Contact	O	3			Used
0800	FOB	F.O.B. Related Instructions	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
2200	PKG	Marking, Packaging, Loading	O	200			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1			Used
LOOP ID - N9					1000		
2950	N9	Extended Reference Information	O	1			Used
3000	MTX	Text	O	>1			Used
LOOP ID - N1					200		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					100000	N2/0100L	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					1000		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used
LOOP ID - SAC					25		
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1700	TAX	Tax Reference	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					1	N3/0100L	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	AMT	Monetary Amount Information	O	1		N3/0200	Used

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

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>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
<i>User Note 1: '06' Used only when Kroger sends a "turnaround doc" from a VMI 855.</i>						
		<u>Code</u>		<u>Name</u>		
		00		Original		
		06		Confirmation		
BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
<i>User Note 1: 'CF' Used only when Kroger sends a "turnaround doc" from a VMI 855.</i>						
		<u>Code</u>		<u>Name</u>		
		CF		Confirmation		
		NE		New Order		
BEG03	324	Purchase Order Number	M	AN	1/22	Must use
<i>User Note 1: 5 digit PO# number</i>						
BEG04	328	Release Number	O	AN	1/30	Used
BEG05	373	Date	M	DT	8/8	Must use
<i>User Note 1: CCYYMMDD</i>						

PER Administrative Communications Contact

Pos: 0600	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

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>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> BD Buyer Name or Department				
PER02	93	Name	O	AN	1/60	Used
		User Note 1: Buyer Name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u> TE Telephone				
PER04	364	Communication Number	X	AN	1/256	Used
		User Note 1: Suppliers should use number provided to initiate contact to the Buyer to resolve conflict on product ID's and shipping conditions, etc.				

FOB F.O.B. Related Instructions

Pos: 0800	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use
FOB02	309	Location Qualifier	X	ID	1/2	Used

<u>Code</u>	<u>Name</u>
DE	Destination (Shipping)
OR	Origin (Shipping Point)

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u>				
		002				Delivery Requested
		010				Requested Ship
DTM02	373	Date	X	DT	8/8	Used

User Note 1: CCYYMMDD

PKG Marking, Packaging, Loading

Pos: 2200	Max: 200
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

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>
PKG02	753	Packaging Characteristic Code	O	ID	1/5	Used

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

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>
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used

<u>Code</u>	<u>Name</u>
C	Consolidation
H	Customer Pickup
M	Motor (Common Carrier)
R	Rail
T	Best Way (Shippers Option)

N9 Extended Reference Information

Pos: 2950	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

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
		<u>Code</u>				
		AN				Associated Purchase Orders
		SI				Shipper's Identifying Number for Shipment (SID)
		ZA				Supplier
N902	127	Reference Identification	X	AN	1/50	Used

MTX Text

Pos: 3000	Max: >1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

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>
MTX01	363	Note Reference Code	O	ID	3/3	Used
All valid standard codes are used.						
MTX02	1551	Textual Data	X	AN	1/4096	Used

N1 Party Identification

Pos: 3100 Max: 1
 Heading - Optional
 Loop: N1 Elements: 4

User Option (Usage): Used

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

User Note 1: 'BY' sent on pharmacy orders for Peyton
 ST, VN ,BT will be sent by all others

<u>Code</u>	<u>Name</u>
BT	Bill-to-Party
BY	Buying Party (Purchaser)
ST	Ship To
VN	Vendor
WH	Warehouse

N102	93	Name	X	AN	1/60	Used
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N103	66	Identification Code Qualifier	X	ID	1/2	Used
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User Note 1: DEA for Peyton Pharmacy orders

<u>Code</u>	<u>Name</u>
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
11	Drug Enforcement Administration (DEA)

N104	67	Identification Code	X	AN	2/80	Used
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N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

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
N302	166	Address Information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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
N402	156	State or Province Code	X	ID	2/2	Used
N403	116	Postal Code	O	ID	3/15	Used
N404	26	Country Code	X	ID	2/3	Used

PO1 Baseline Item Data

Pos: 0100 Max: 1
 Detail - Mandatory
 Loop: PO1 Elements: 9

User Option (Usage): Must use

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>
PO102	380	Quantity	X	R	1/15	Used
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
PO104	212	Unit Price	X	R	1/17	Used
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		UA U.P.C./EAN Case Code (2-5-5)				
		UK GTIN 14-digit Data Structure				
PO107	234	Product/Service ID	X	AN	1/48	Used
PO108	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		PI Purchaser's Item Code				
PO109	234	Product/Service ID	X	AN	1/48	Used
User Note 1: Our internal line# will be sent						
PO110	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		PL Purchaser's Order Line Number				
PO111	234	Product/Service ID	X	AN	1/48	Used

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

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>
PID01	349	Item Description Type	M	ID	1/1	Must use
		<u>Code</u>				
		F				Free-form
PID05	352	Description	X	AN	1/80	Used

PO4 Item Physical Details

Pos: 0900 Max: >1
 Detail - Optional
 Loop: PO1 Elements: 3

User Option (Usage): Used

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>
PO401	356	Pack	O	N0	1/6	Used
PO402	357	Size	X	R	1/8	Used
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300 Max: 1
 Detail - Optional
 Loop: SAC Elements: 12

User Option (Usage): Used

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>																		
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use																		
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>A</td> <td>Allowance</td> </tr> <tr> <td>C</td> <td>Charge</td> </tr> </table>	<u>Code</u>	<u>Name</u>	A	Allowance	C	Charge																
<u>Code</u>	<u>Name</u>																							
A	Allowance																							
C	Charge																							
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used																		
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>B010</td> <td>Cents Off</td> </tr> <tr> <td>D200</td> <td>Freight Charges to Destination</td> </tr> <tr> <td>D280</td> <td>Full Service</td> </tr> <tr> <td>F340</td> <td>Pick/Up</td> </tr> <tr> <td>F910</td> <td>Quantity Discount</td> </tr> <tr> <td>H625</td> <td>Tax - Beverage Tax</td> </tr> <tr> <td>H850</td> <td>Tax</td> </tr> <tr> <td>I170</td> <td>Trade Discount</td> </tr> </table>	<u>Code</u>	<u>Name</u>	B010	Cents Off	D200	Freight Charges to Destination	D280	Full Service	F340	Pick/Up	F910	Quantity Discount	H625	Tax - Beverage Tax	H850	Tax	I170	Trade Discount				
<u>Code</u>	<u>Name</u>																							
B010	Cents Off																							
D200	Freight Charges to Destination																							
D280	Full Service																							
F340	Pick/Up																							
F910	Quantity Discount																							
H625	Tax - Beverage Tax																							
H850	Tax																							
I170	Trade Discount																							
SAC03	559	Agency Qualifier Code	X	ID	2/2	Used																		
		All valid standard codes are used.																						
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10	Used																		
SAC05	610	Amount	O	N2	1/15	Used																		
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used																		
SAC07	332	Percent, Decimal Format	X	R	1/6	Used																		
SAC08	118	Rate	O	R	1/9	Used																		
		User Note 1: Kroger send a(-) minus sign if the allowance is to be subtracted from the purchase order																						
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used																		
SAC10	380	Quantity	X	R	1/15	Used																		
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Used																		
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>02</td> <td>Off Invoice</td> </tr> <tr> <td>06</td> <td>Charge to be Paid by Customer</td> </tr> </table>	<u>Code</u>	<u>Name</u>	02	Off Invoice	06	Charge to be Paid by Customer																
<u>Code</u>	<u>Name</u>																							
02	Off Invoice																							
06	Charge to be Paid by Customer																							

4/4/2018

Purchase Order - 850

SAC15	352	Description	X	AN	1/80	Used
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TAX Tax Reference

Pos: 1700	Max: >1
Detail - Optional	
Loop: PO1	Elements: 1

User Option (Usage): Used

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>
TAX12	441	Tax Exempt Code	O	ID	1/1	Used

<u>Code</u>	<u>Name</u>
1	Yes (Tax Exempt)
2	No (Not Tax Exempt)

CTT Transaction Totals

Pos: 0100 Max: 1
 Summary - Optional
 Loop: CTT Elements: 6

User Option (Usage): Used

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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
CTT02	347	Hash Total	O	R	1/10	Used
CTT03	81	Weight	X	R	1/10	Used
CTT04	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		LB Pound				
CTT05	183	Volume	X	R	1/8	Used
CTT06	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		CF Cubic Feet				

AMT Monetary Amount Information

Pos: 0200	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

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>
AMT01	522	Amount Qualifier Code	M	ID	1/3	Must use
		<u>Code</u>		<u>Name</u>		
		TT		Total Transaction Amount		

DATA EXAMPLE

SAMPLE with ALL ITEMS Converted to GTINs

BEG*00*NE*25105**20050131~
 PER*BD*ROBERT HALL*TE*513-387-1253~
 FOB*PB~
 DTM*002*20050207~
 TD5***M~
 N9*ZA*01107019~
 MTX**THIS PURCHASE ORDER IS SUBJECT TO THE TERMS AND CONDITIONS~
 MTX**CONTAINED ON KROGERS PURCHASE ORDER FORM 598-TCP~
 N1*ST*KROGER*9*0782260811101~
 N3*1239 OAKLEIGH DRIVE~
 N4*EAST POINT*GA*30344*US~
 N1*BT*KROGER*9*0782260810000~
 N3*THE KROGER COMPANY*P.O. BOX 305103~
 N4*NASHVILLE*TN*372305103*US~
 N1*VN*FOOD CORP*9*1234567891234~
 PO1**200*CA*9.96**UK*10021000340799*PI*12345~
 PID*F****FLOUR TORT 10CT~
 PO4*12*11.5*OZ~
 SAC*A*1170*****-1.9****02~
 PO1**240*CA*13.68**UK*20043000180629*PI*45678~
 PID*F****SM FLOUR TORT5 CT~
 PO4*12*17.5*OZ~ SAC*A*1170*****-4.54****02~
 CTT*3*680*9152*LB*393*CF~
 AMT*TT*6138.4~
 SAMPLE with NO ITEMS Converted to GTINs
 PO1**200*CA*9.96**UA*002100034079*PI*12345~
 PID*F****FLOUR TORT 10CT~
 PO4*12*11.5*OZ~
 SAC*A*1170*****-1.9****02~
 PO1**240*CA*13.68**UA*004300018062*PI*45678~
 PID*F****SM FLOUR TORT5 CT~
 PO4*12*17.5*OZ~ SAC*A*1170*****-4.54****02~
 CTT*3*680*9152*LB*393*CF~
 AMT*TT*6138.4~

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 21000 has been converted
Manufacturer ID 43000 has NOT been converted
PO1**200*CA*9.96**UK*10021000340799*PI*12345~
PID*F****FLOUR TORT 10CT~
PO4*12*11.5*OZ~
SAC*A*1170*****-1.9****02~
PO1**240*CA*13.68**UA*004300018062*PI*45678~
PID*F****SM FLOUR TORT5 CT~
PO4*12*17.5*OZ~ SAC*A*1170*****-4.54****02~
CTT*3*680*9152*LB*393*CF~
AMT*TT*6138.4~