



Purchase Order

005010 X12

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

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
2950	N9	Extended Reference Information	O	1	1000		Used
3000	MTX	Text	O	>1			Used

LOOP ID - N1

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
3100	N1	Party Identification	O	1	200		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
					100000	N2/0100L	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
					1000		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used
					25		
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1700	TAX	Tax Reference	O	>1			Must use

Summary:

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

BEG Beginning Segment for Purchase Order

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

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

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	Must use
		Buyer Name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		TE Telephone				
PER04	364	Communication Number	X	AN	1/256	Must use
		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	Must use
		<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> <u>Name</u>				
		002 Delivery Requested				
		010 Requested Ship				
DTM02	373	Date = CCYYMMDD	X	DT	8/8	Must use

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	Must use

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	Must use
		<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> <u>Name</u>				
		AN Associated Purchase Orders (Associated PO. Only sent when using a Supervisor to create Po's.)				
		SI Shipper's Identifying Number for Shipment (SID)				
		ZA Supplier (Division + Internal Vendor Number. Sent on all Po's.)				
N902	127	Reference Identification	X	AN	1/50	Must use

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	Must use
MTX02	1551	Textual Data	X	AN	1/4096	Must use

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 BY = sent on pharmacy orders for Peyton ST,VN ,BT = will be sent by all others Code Name BT Bill-to-Party BY Buying Party (Purchaser) ST Ship To VN Vendor WH Warehouse	M	ID	2/3	Must use
N102	93	Name	X	AN	1/60	Must use
N103	66	Identification Code Qualifier Code Name 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 11 Drug Enforcement Administration (DEA)(for Peyton Pharmacy orders)	X	ID	1/2	Must use
N104	67	Identification Code	X	AN	2/80	Must use

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	Must use

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	Must use
N402	156	State or Province Code	X	ID	2/2	Must use
N403	116	Postal Code	O	ID	3/15	Must use
N404	26	Country Code = "US"	X	ID	2/3	Must use

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	Must use
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	Must use
		<u>Code</u> <u>Name</u>				
		UA U.P.C. Case Code (2-5-5 format)				
		UK GTIN 14-digit Data Structure				
PO107	234	Product/Service ID	X	AN	1/48	Must use
PO108	235	Product/Service ID Qualifier	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		PI Purchaser's Item Code				
PO109	234	Product/Service ID Our internal line# will be sent	X	AN	1/48	Must use
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> <u>Name</u>				
		F Free-form				
PID05	352	Description	X	AN	1/80	Must use

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	NO	1/6	Must use
PO402	357	Size	X	R	1/8	Must use
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300	Max: 1
Detail - Optional	
Loop: SAC	Elements: 10

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
		<u>Code</u> <u>Name</u>				
		A Allowance				
		C Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge	X	ID	4/4	Must use
		<u>Code</u> <u>Name</u>				
		B010 Cents Off				
		D200 Freight Charges to Destination				
		D280 Full Service				
		F340 Pick/Up				
		F910 Quantity Discount				
		H625 Beverage Tax				
		H850 Tax				
		I170 Trade Discount				
SAC05	610	Amount	O	N2	1/15	Must use
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Must use
SAC07	332	Percent, Decimal Format	X	R	1/6	Must use
SAC08	118	Rate	O	R	1/9	Must use
		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	Must use
SAC10	380	Quantity	X	R	1/15	Must use
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02 Off Invoice				
		06 Charge to be Paid by Customer				
SAC15	352	Description	X	AN	1/80	Must use

TAX Tax Reference

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

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>
TAX12	441	Tax Exempt Code	O	ID	1/1	Must use
		Only Ralphs will send this element				
		<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	Must use
CTT03	81	Weight	X	R	1/10	Must use
CTT04	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		LB Pound				
CTT05	183	Volume	X	R	1/8	Must use
CTT06	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
		<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*I170*****-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*I170*****-4.54****02~
CTT*3*680*9152*LB*393*CF~
AMT*TT*6138.4~