



DSD Store 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
1500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N9					1000		
2950	N9	Extended Reference Information	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 - N9					1000		
3300	N9	Extended Reference Information	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

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
BEG05	373	Date	M	DT	8/8	Must use

DTM Date/Time Reference

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

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		002 Delivery Requested				
DTM02	373	Date	X	DT	8/8	Used

N9 Extended Reference Information

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

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		ZA Supplier				
N902	127	Reference Identification	X	AN	1/50	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
		<u>Code</u> <u>Name</u>				
		BT Bill-to-Party				
		SN Store				
		ST Ship To				
		VN Vendor				
N102	93	Name	X	AN	1/60	Used
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		<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

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	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>
N301	166	Address Information	M	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	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: 12

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
		All valid standard codes are used.				
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		UK GTIN 14-digit Data Structure				
		When converted to 5010, the UK segment will contain:				
		- case GTIN if the item pack size is greater than one				
		- consumer GTIN if the item pack is one				
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
PO110	235	Product/Service ID Qualifier	X	ID	2/2	Used
		All valid standard codes are used.				
PO111	234	Product/Service ID	X	AN	1/48	Used
PO112	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		UD U.P.C./EAN Consumer Package Code (2-5-5)				
		UP UCC – 12				
PO113	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Used

PO4 Item Physical Details

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

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	Pack	O	NO	1/6	Used

N9 Extended Reference Information

Pos: 3300	Max: 1
Detail - 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>				
		DP Department Number				
N902	127	Reference Identification	X	AN	1/50	Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
CTT02	347	Hash Total	O	R	1/10	Used

DATA EXAMPLE

BEG*00*NE*5639100101**20050131~
DTM*002*20050212~
N9*ZA*OSKVENDOR~
N1*VN*NAME*9*1234567891234~
N1*BT*QUALITY FOOD CENTER*9*0079088090000~
N3*NE 2001 STATE ROUTE 300, P*BELFAIR WA98528~
N1*ST*QFC-DSD*9*1234567891234~
N1*SN*QUALITY FOOD CENTER*92*70500101~
N3*NE 2001 STATE ROUTE 300, P*BELFAIR WA98528~
PO1**1*CA***UK*10400000123459*PI*12345***UD*040000012345~
PID*F***TISSUE 2 PLY~
PO4*6~
N9*DP*40~
PO1**2*CA***UK*00400000123469*PI*12346***UD*040000012346~
PID*F***WHT TOWEL~
PO4*6~
N9*DP*40~
PO1**2*CA***UK*20400000123479*PI*12347***UD*040000012347~
PID*F***ROLL TOWEL~
PO4*6~
N9*DP*40~
CTT*20*27~