



# 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
<b>LOOP ID - N9</b>					<b>1000</b>		
2950	N9	Extended Reference Information	O	1			Used
<b>LOOP ID - N1</b>					<b>200</b>		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	GeographicLocation	O	>1			Used

## Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - PO1</b>					<b>100000</b>	<b>N2/0100L</b>	
0100	PO1	BaselineItem Data	M	1		N2/0100	Must use
<b>LOOP ID - PID</b>					<b>1000</b>		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used
<b>LOOP ID - N9</b>					<b>1000</b>		
3300	N9	Extended Reference Information	O	1			Used

## Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - CTT</b>					<b>1</b>	<b>N3/0100L</b>	
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:

<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				
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>				
		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	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:

<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	Used

# PO4 Item Physical Details

Pos: 0900	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>
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**

SAMPLE with ALL ITEMS Converted to GTINs

BEG\*00\*NE\*5639100101\*\*20050131~  
DTM\*002\*20050212~  
N9\*ZA\*0SKVENDOR~  
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\*10021000340799\*PI\*12345\*\*\*UD\*002100034079~  
PID\*F\*\*\*\*TISSUE 2 PLY~  
PO4\*6~  
N9\*DP\*40~  
PO1\*\*2\*CA\*\*\*UK\*00021000778699\*PI\*12346\*\*\*UD\*002100077869~  
PID\*F\*\*\*\*WHT TOWEL~  
PO4\*6~  
N9\*DP\*40~  
PO1\*\*2\*CA\*\*\*UK\*20043000180629\*PI\*12347\*\*\*UD\*004300018062~  
PID\*F\*\*\*\*ROLL TOWEL~  
PO4\*6~  
N9\*DP\*40~  
CTT\*20\*27~

SAMPLE with NO ITEMS Converted to GTINs

PO1\*\*1\*CA\*\*\*UA\*002100034079\*PI\*12345\*\*\*UD\*002100034079~  
PID\*F\*\*\*\*TISSUE 2 PLY~  
PO4\*6~  
N9\*DP\*40~  
PO1\*\*2\*CA\*\*\*UA\*002100077869\*PI\*12346\*\*\*UD\*002100077869~  
PID\*F\*\*\*\*WHT TOWEL~  
PO4\*6~  
N9\*DP\*40~  
PO1\*\*2\*CA\*\*\*UA\*004300018062\*PI\*12347\*\*\*UD\*004300018062~  
PID\*F\*\*\*\*ROLL TOWEL~  
PO4\*6~  
N9\*DP\*40~  
CTT\*20\*27~

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 21000 has been converted

Manufacturer ID 43000 has NOT been converted

PO1\*\*1\*CA\*\*\*UK\*10021000340799\*PI\*12345\*\*\*UD\*002100034079~

PID\*F\*\*\*TISSUE 2 PLY~

PO4\*6~

N9\*DP\*40~

PO1\*\*2\*CA\*\*\*UK\*00021000778699\*PI\*12346\*\*\*UD\*002100077869~

PID\*F\*\*\*WHT TOWEL~

PO4\*6~

N9\*DP\*40~

PO1\*\*2\*CA\*\*\*UA\*004300018062\*PI\*12347\*\*\*UD\*004300018062~

PID\*F\*\*\*ROLL TOWEL~

PO4\*6~

N9\*DP\*40~

CTT\*20\*27~