



# DSD Store Purchase Order 004010 X12

Functional Group=PO

**Heading:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
150	DTM	Date/Time Reference	O	10			Used
<b>LOOP ID - N9</b>					<b>1000</b>		
295	N9	Reference Identification	O	1			Used
<b>LOOP ID - N1</b>					<b>200</b>		
310	N1	Name	O	1			Used
330	N3	Address Information	O	2			Used
340	N4	Geographic Location	O	>1			Used

**Detail:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - PO1</b>					<b>100000</b>	<b>N2/010L</b>	
010	PO1	Baseline Item Data	M	1		N2/010	Must use
<b>LOOP ID - PID</b>					<b>1000</b>		
050	PID	Product/Item Description	O	1			Used
090	PO4	Item Physical Details	O	>1			Used
<b>LOOP ID - N9</b>					<b>1000</b>		
330	N9	Reference Identification	O	1			Used

**Summary:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - CTT</b>					<b>1</b>	<b>N3/010L</b>	
010	CTT	Transaction Totals	O	1		N3/010	Used

# BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

## 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: 150	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 Reference Identification

Pos: 295	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	1/30	Used

# N1 Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

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	<b>Entity Identifier Code</b>	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	<b>Name</b>	X	AN	1/60	Used
N103	66	<b>Identification Code Qualifier</b>	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	<b>Identification Code</b>	X	AN	2/80	Used

# N3 Address Information

<b>Pos: 330</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 1</b>

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	<b>Address Information</b>	M	AN	1/55	Must use

# N4 Geographic Location

<b>Pos: 340</b>	<b>Max: &gt;1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

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	<b>City Name</b>	O	AN	2/30	Used
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
N404	26	<b>Country Code</b>	O	ID	2/3	Used

# PO1 Baseline Item Data

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: PO1</b>	<b>Elements: 12</b>

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	330	<b>Quantity Ordered</b>	X	R	1/15	Used
PO103	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		CA          Case				
		EA          Each				
PO104	212	<b>Unit Price</b>	X	R	1/17	Used
PO105	639	<b>Basis of Unit Price Code</b>	O	ID	2/2	Used
		All valid standard codes are used.				

PO106	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		UA            U.P.C./EAN Case Code (2-5-5)				
PO107	234	<b>Product/Service ID</b>	X	AN	1/48	Used
PO108	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		PI            Purchaser's Item Code				
PO109	234	<b>Product/Service ID</b>	X	AN	1/48	Used
PO110	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		All valid standard codes are used.				
PO111	234	<b>Product/Service ID</b>	X	AN	1/48	Used
PO112	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		UD            U.P.C./EAN Consumer Package Code (2-5-5)				
		UP            U.P.C. Consumer Package Code (1-5-5-1)				
PO113	234	<b>Product/Service ID</b>	X	AN	1/48	Used

## PID Product/Item Description

Pos: 050	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: 090	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	N0	1/6	Used

## N9 Reference Identification

Pos: 330	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	1/30	Used

## CTT Transaction Totals

Pos: 010	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

**RAW DATA SAMPLE**

BEG\*00\*NE\*5639100101\*\*20040511~  
DTM\*002\*20040512~  
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\*\*\*UA\*040000012345\*PI\*12345\*\*\*UD\*040000012345~  
PID\*F\*\*\*TISSUE 2 PLY~  
PO4\*6  
N9\*DP\*40  
PO1\*\*2\*CA\*\*\*UA\*040000012346\*PI\*12346\*\*\*UD\*040000012346~  
PID\*F\*\*\*WHT TOWEL~  
PO4\*6~  
N9\*DP\*40~  
PO1\*\*2\*CA\*\*\*UA\*040000012347\*PI\*12347\*\*\*UD\*040000012347  
PID\*F\*\*\*ROLL TOWEL~  
PO4\*6~  
N9\*DP\*40~  
CTT\*20\*27~