

850 Purchase Order

FUNCTIONAL GROUP = PO

TABLE 1

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	10	ST	Transaction Set Header
Must Use	M	1	20	BEG	Beginning Segment for Purchase Order
	O	1	50	REF	Reference Identification
Must Use	O	12	240	TD5	Carrier Details (Routing Sequence/Transit Time)
				LOOP ID - N1	MAX: 3
Must Use	M	>1	310	N1	Name
	O	>1	320	N2	Additional Name Information
Must Use	M	>1	330	N3	Address Information
Must Use	O	>1	340	N4	Geographic Location
	O	>1	360	PER	Administrative Communications Contact

TABLE 2

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP ID - PO1	MAX: 100000
Must Use	M	1	10	PO1	Baseline Item Data
				LOOP ID - PID	MAX: 1000
	O	4	50	PID	Product/Item Description
Must Use	M	1	10	CTT	Transaction Totals
Must Use	M	1	30	SE	Transaction Set Trailer



ST ◦ **Transaction Set Header**

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Ref. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
M	ST01		143	Transaction Set Identifier Code	ID	3	3
				850 Purchase Order			
M	ST02		329	Transaction Set Control Number	AN	4	9



BEG . Beginning Segment for Purchase Order

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0020
Max Use: 1

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
	M BEG01	353	Transaction Set Purpose Code	ID	2	2		
			<table border="1"> <tr> <td>00</td> <td>Original</td> </tr> </table>	00	Original			
00	Original							
	M BEG02	92	Purchase Order Type Code	ID	2	2		
		Level 1 Note: Purchase Order Type Code will indicate what type of PO is being sent. Examples are shown below. SA = Stand Alone						
	M BEG03	324	Purchase Order Number	AN	1	22		
	M BEG05	373	Date	DT	8	8		

Set Note: BEG03 (Purchase Order Number) - This will be used as the main key and needs to be returned on all corresponding documents.

BEG05 (Date) - Date the purchase order was remitted.

REF

REF ◦ Reference Identification

User Req: USED
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0050
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
M	REF01	128	Reference Identification Qualifier	ID	2	3	
				CO	Customer Order Number		
				ST	Store Number		
				IA	Internal Vendor Number		
				IT	Internal Customer Number		
X	REF02	127	Reference Identification	AN	1	30	

Syntax Notes: At least one of 02 and 03 is required.

Set Note: CO (Customer Order Number) - This is the Kroger pick list number.

ST (Store Number) - Used to identify the origin store where order was placed. This is the branded channel.

IA (Internal Vendor Number) - Vendor number assigned by Kroger.

IT (Internal Customer Number) - End User's customer ID.

TD5

TD5 ◦ Carrier Details (Routing Sequence/Transit Time)

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0240
Max Use: 12

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
O	TD502	66	Identification Code Qualifier	ID	1	2		
			<table border="1"> <tr> <td>2</td> <td>Standard Carrier Alpha Code (SCAC)</td> </tr> </table>	2	Standard Carrier Alpha Code (SCAC)			
2	Standard Carrier Alpha Code (SCAC)							
X	TD503	67	Identification Code	AN	2	80		
M	TD505	387	Routing	AN	1	35		
			<p>Level 1 Note: The shipping method that will be used to send the merchandise. The following codes will be sent on the Order (850) and will need to be returned on the Shipment (856).</p> <p>https://kroger.logicbroker.com/hc/en-us/articles/360021439271-Inbound-Outbound-Shipment-Method-Codes-SCAC-</p> <p>Custom codes (ShipmentInfos.ReceiverClassCode) can be used if mapped using Shipment Settings in the portal. Mapping will need to be made to all codes above.</p>					
O	TD512	284	Service Level Code	ID	2	2		

Syntax Notes: At least one of 02, 04, 05, 06 and 12 is required.
 If 02 is present, then 03 is required.

Set Note: TD5 segment will only be used for DS orders. All other orders will use be the shipper's choice.

TD503 Identification (CarrierCode) - this is the Standard Carrier Alpha Code (SCAC). If you are using your own custom shipping methods, these are set-up on the "Shipment Settings" page in the portal, the CarrierCode will automatically populate based on the ClassCode (TD505) submitted.

TD505 Routing (Classcode) - This is the field that will be a combination of both SCAC and ServiceLevel. If you map this to your partner's, the CarrierCode (TD503) and the ServiceLevelCode(TD512) will automatically populate accordingly. This will allow you to only keep track of one code (ClassCode) rather than 3. This should always be returned on the Shipment (856).

TD512 Service Level Code (ServiceLevelCode) - If you are using your own custom shipping methods, these are set-up on the "Shipment Settings" page in the portal, the ServiceLevelCode (TD512) will automatically populate based on the ClassCode (TD505) submitted.

Set Comment: If using API or XML service level will be appended to ship method using a "_"

N1

N1 ◦ Name

User Req: MUST USE
Table/Area: 1
Loop: N1
Loop Section: N1
Position: 0310
Max Use: >1

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.				
	M N101	98	Entity Identifier Code	ID	2	3				
			<table border="1"> <tr> <td>BT</td> <td>Bill-to-Party</td> </tr> <tr> <td>ST</td> <td>Ship To</td> </tr> </table>	BT	Bill-to-Party	ST	Ship To			
BT	Bill-to-Party									
ST	Ship To									
	O N102	93	Name	AN	1	60				

Syntax Notes: At least one of 02 and 03 is required.
 If any of 03 or 04 are present, then all are required.

Set Note: ST (Ship To Address) - will always be required.
 BT (Bill To Address) - this will be the sender's bill to address.
 OB (Ordered by Address) - will be used in drop ship scenarios where this is the Bill To Address for the end customer.

N2

N2 ◦ **Additional Name Information**

User Req: USED
Table/Area: 1
Loop: N1
Loop Section: N1
Position: 0320
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	N201	93	Name	AN	1	60
	O	N202	93	Name	AN	1	60

Set Note: N201 (Name) - First Name
 N202 (Name) - Last Name

N3

N3 ◦ **Address Information**

User Req: MUST USE
Table/Area: 1
Loop: N1
Loop Section: N1
Position: 0330
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	N301	166	Address Information	AN	1	55
	O	N302	166	Address Information	AN	1	55

N4

N4 . Geographic Location

User Req: MUST USE
Table/Area: 1
Loop: N1
Loop Section: N1
Position: 0340
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	N401	19	City Name	AN	2	30
	O	N402	156	State or Province Code	ID	2	2
	O	N403	116	Postal Code	ID	3	15
	O	N404	26	Country Code	ID	2	3

Syntax Notes: If 06 is present, then 05 is required.



PER Administrative Communications Contact

User Req: USED
 Table/Area: 1
 Loop: N1
 Loop Section: N1
 Position: 0360
 Max Use: >1

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
M	PER01	366	Contact Function Code	ID	2	2
			IC Information Contact			
O	PER02	93	Name	AN	1	60
O	PER03	365	Communication Number Qualifier	ID	2	2
			TE Telephone			
O	PER04	364	Communication Number	AN	1	80

Syntax Notes: If any of 03 or 04 are present, then all are required.
 If any of 05 or 06 are present, then all are required.

PO1

PO1 . Baseline Item Data

User Req: MUST USE
Table/Area: 2
Loop: PO1
Loop Section: PO1
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M PO101	350	Assigned Identification	AN	1	20
	M PO102	330	Quantity Ordered	R	1	15
	M PO103	355	Unit or Basis for Measurement Code	ID	2	2
			EA Each			
	O PO104	212	Unit Price	R	1	17
			Level 1 Note: Will default to 0.			
	M PO106	235	Product/Service ID Qualifier	ID	2	2
			VN Vendor's (Seller's) Item Number			
	X PO107	234	Product/Service ID	AN	1	48
	O PO108	235	Product/Service ID Qualifier	ID	2	2
			IN Buyer's Item Number			
	X PO109	234	Product/Service ID	AN	1	48
	O PO110	235	Product/Service ID Qualifier	ID	2	2
			UP U.P.C. Consumer Package Code (1-5-5-1)			
	X PO111	234	Product/Service ID	AN	1	48

Syntax Notes: If 03 is present, then 02 is required.
 If 05 is present, then 04 is required.
 If any of 06 or 07 are present, then all are required.
 If any of 08 or 09 are present, then all are required.
 If any of 10 or 11 are present, then all are required.
 If any of 12 or 13 are present, then all are required.



PID . **Product/Item Description**

User Req: USED
Table/Area: 2
Loop: PID
Loop Section: PO1;PID
Position: 0050
Max Use: 4

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
	M PID01	349	Item Description Type	ID	1	1		
			<table border="1"> <tr> <td>F</td> <td>Free-form</td> </tr> </table>	F	Free-form			
F	Free-form							
	O PID02	750	Product/Process Characteristic Code	ID	2	3		
			<table border="1"> <tr> <td>08</td> <td>Product</td> </tr> </table>	08	Product			
08	Product							
	O PID05	352	Description	AN	1	80		

Syntax Notes: If 04 is present, then 03 is required.
 At least one of 04 and 05 is required.

Set Note: 08 (Product) - Standard short description or name of the product. All Orders.



CTT Transaction Totals

User Req: MUST USE
Table/Area: 2
Loop: N/A
Loop Section: N/A
Position: 0010
Max Use: 1

Data Element Summary

User Req	Req. Ref. Des. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M CTT01	354	Number of Line Items	N0	1	6



SE Transaction Set Trailer

User Req: MUST USE
Table/Area: 2
Loop: N/A
Loop Section: N/A
Position: 0030
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	SE01	96	Number of Included Segments	N0	1	10
	M	SE02	329	Transaction Set Control Number	AN	4	9

