



**850 Purchase Order
(Version 004010 X12) EDI Reference Guide
Functional Group – PO**

This EDI Guideline is to be used for ShopRite Warehouse - Vendor

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to furnishing or requesting the price of goods or services.

EDI SEGMENTS PROVIDED

HEADER:

POS NO.	SEG.ID	NAME
0100	ST	Transaction Set Header
0200	BEG	Beginning Segment for Purchase Order
0500	PER	Administrative Communications Contact
0600	ITD	Terms of Sale
0700	DTM	Date
0800	TD5	Carrier Details

LOOP ID-N1

3100	N1	Name > 3
3300	N3	Address Information
3400	N4	Geographic Location

DETAL:

POS NO.	SEG.ID	NAME
		<u>LOOP ID – LIN</u>
0100	PO1	Base Line Data
0500	PID	Product/Item Description

SUMMARY:

POS NO.	SEG.ID	NAME
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0100 CTT Transaction Totals

ST Segment = Transaction Set Header - Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
ST01 / 143	Transaction Set Identifier Code	850 = Purchase Order	Mandatory	ID	3/3
ST02 / 329	Transaction Set Control Number	System generated control number	Mandatory	ID	3/3

BEG Segment - Beginning Segment for Purchase Order Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
BEG01 / 353	Transaction Set Purpose Code	'00' – Original	Mandatory	ID	2/2
BEG02 / 92	Purchase Order Type Code	'DS' – Drop Ship 'CF' - Confirmation	Mandatory	ID	2/2
BEG03 / 324	Purchase Order Number		Mandatory	AN	1/22



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BEG05 / 373	PO Date	Format: CCYYMMDD	Mandatory	DT	8/8
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PER Administrative Communications Contact Usage Optional					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
PER-01 / 336	Contact Function Code	Contact Function Code	Mandatory	ID	2/2
PER-02 / 93	Name	Name	Optional	AN	1/60
PER-03 / 365	Communication Number Qualifier	EM-Email	Conditional	ID	2/2
PER-04 / 364	Communication Number	Email Address	Conditional	AN	1/80

ITD Segment – Terms of Sale/Deferred Terms of Sale Usage Optional
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<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
ITD-01 / 336	Terms Type Code	Terms Type Code	Optional	ID	2/2
ITD-02 / 333	Terms Basis Date Code	Terms Basis Date Code	Optional	ID	1/2
ITD-05 / 351	Terms Discount Days Due	Terms Discount Days Due	Conditional	NO	1/3
ITD-07 / 386	Terms Net Days	Terms Net Days	Optional	NO	1/3

**DTM Segment – Date/Time Reference
Usage Optional**

<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
DTM-01/374	Date/Time Qualifier	002	Mandatory	ID	3/3
DTM-02/373	Date	Expressed as CCYYMMDD	Mandatory	DT	8/8
DTM-03/337	Time	0000	Mandatory	TM	4/8
DTM-04/623	Time Code	'ES' Eastern Standard Time	Mandatory	ID	2/2



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TD5 Segment – Carrier Details (Routing Sequence/Transit Time)					
Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
TD5-04/ 387	Routing	M - Motor (Common Carrier)	Mandatory	ID	1/2

N1 Segment – Name					
Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N101 / 98	Entity Identifier Code	'ST' – Ship To Vendor	Mandatory	ID	2/3
N102 / 93	Name	Ship To Name	Mandatory	AN	1/60
N103 / 66	Identification Code Qualifier	9	Mandatory	ID	1/2



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N104 / 67	Identification Code	Wakefern Duns Number	Mandatory	AN	2/80
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N3 Segment – Address Information Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
N301 / 166	Address Information		Mandatory	AN	1/55
N302 / 166	Address Information		Optional	AN	1/55

N4 Segment – Geographic Location Usage Mandatory					
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<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMNE</u>	<u>TYPE</u>	<u>SIZE</u>
N401 / 19	City		Mandatory	AN	2/30
N402 / 156	State or Province Code		Mandatory	ID	2/2
N403 / 116	Postal Code		Mandatory	ID	3/15

N1 Segment – Name Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMNE</u>	<u>TYPE</u>	<u>SIZE</u>
N101 / 98	Entity Identifier Code	‘VN’ – Vendor	Mandatory	ID	2/3
N102 / 93	Name	Vendor Name	Mandatory	AN	1/60
N103 / 66	Identification Code Qualifier	‘9’ – Duns + 4 Character Suffix	Mandatory	ID	1/2



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PO1 Segment – Baseline Item Data To specify basic and most frequently used line item data Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
PO101 / 350	Assigned Identification		Mandatory	AN	1/20
PO102 / 380	Quantity Ordered		Mandatory	R	1/15
PO103 / 355	Unit Of Measure	'CA' – Case 'EA' - Each	Mandatory	ID	2/2
PO104 / 212	Unit Price		Mandatory	R	1/17
PO106 / 235	Product/Service Qualifier	UD – UPC UA – Case UPC	Mandatory	ID	2/2
PO107 / 234	Product/Service ID	UPC - Number	Mandatory	AN	1/48
PO108 / 235	Product/Service Qualifier	'PI' – Wakefern Item code	Mandatory	ID	2/2
PO109 / 234	Product/Service ID	Wakefern Item	Mandatory	AN	1/48



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PID Segment – Product / Item Description To describe a product or process in coded or free-form format Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
PID01 / 349	Item Description Type	'F' – Free Form	Mandatory	ID	1/1
PID05 / 352	Description		Mandatory	AN	1/80

CTT Segment – Transaction Totals To transmit a hash total for a specific element in the transaction Usage Mandatory					
<u>ELEMENT/ ELEMENTID</u>	<u>DESCRIPTION</u>	<u>DEFINITION</u>	<u>REQUIREMENT</u>	<u>TYPE</u>	<u>SIZE</u>
CTT01 / 354	Number Of Lines		Mandatory	R	1/6
CTT02 / 347	Hash Total – Total Quantity		Mandatory	R	1/10



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