



# SHERWIN-WILLIAMS

## 850 Purchase Order

Functional Group ID=**PO**

### Introduction:

This Draft Standard for Trial Use 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 the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

### Notes:

For any references to unit cost and unit quantity, the following is true:

- 1) All unit cost fields need to be populated with 4 decimal positions.
- 2) All unit quantity fields need to be populated with 2 decimal positions.
- 3) Any fields that contain extended amounts (results of quantity x cost) are expressed with 2 decimal positions.

### Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BEG	Beginning Segment for Purchase Order	M	1		
6	040	CUR	Currency	M	1		
7	050	REF	Reference Identification	M	1		
8	060	PER	Administrative Communications Contact	M	1		
9	065	PER	Administrative Communications Contact	M	1		
10	080	FOB	F.O.B. Related Instructions	M	1		
11	110	CSH	Sales Requirements	M	1		
LOOP ID - SAC						5	
12	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
14	130	ITD	Terms of Sale/Deferred Terms of Sale	M	1		
15	150	DTM	Date/Time Reference	M	1		
16	200	MEA	Measurements	O	1		
17	240	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1		
18	280	CTB	Restrictions/Conditions	O	1		
19	285	TXI	Tax Information	O	3		
LOOP ID - N1						1	
20	300	N1	Name	M	1		
21	310	N2	Additional Name Information	M	1		
22	320	N3	Address Information	M	1		
23	330	N4	Geographic Location	M	1		
24	350	PER	Administrative Communications Contact	O	1		

			LOOP ID - N1		1	
25	425	N1	Name	M	1	
26	427	N2	Additional Name Information	O	1	
27	428	N3	Address Information	M	1	
28	429	N4	Geographic Location	M	1	
29	430	PER	Administrative Communications Contact	O	1	
			LOOP ID - N1		1	
30	440	N1	Name	M	1	
31	441	N2	Additional Name Information	O	1	
32	442	N3	Address Information	M	1	
33	443	N4	Geographic Location	M	1	
34	444	PER	Administrative Communications Contact	M	1	
			LOOP ID - SPI		1	
35	450	SPI	Specification Identifier	M	1	
36	480	MSG	Message Text	M	1	

**Detail:**

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			LOOP ID - PO1			100000	
37	010	PO1	Baseline Item Data	M	1		n1
40	046	MEA	Measurements	O	1		
41	047	MEA	Measurements	O	1		
42	048	MEA	Measurements	O	1		
43	049	MEA	Measurements	O	1		
44	050	MEA	Measurements	O	1		
45	051	MEA	Measurements	O	1		
46	052	MEA	Measurements	O	1		
47	053	MEA	Measurements	O	1		
48	054	MEA	Measurements	O	1		
49	055	MEA	Measurements	O	1		
			LOOP ID - PID			1	
50	059	PID	Product/Item Description	M	1		
51	060	MEA	Measurements	O	1		
52	065	MEA	Measurements	O	1		
			LOOP ID - SAC			1	
53	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
54	289	MSG	Message Text	O	3		
			LOOP ID - AMT			1	
55	600	AMT	Monetary Amount	M	1		

**Summary:**

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			LOOP ID - CTT			1	
56	010	CTT	Transaction Totals	M	1		n2
57	020	AMT	Monetary Amount	M	1		n3
58	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
3. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**  
**Semantic Notes:** 1 BEG05 is the date assigned by the purchaser to purchase order.  
**Comments:**

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>BEG01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 06 Confirming	<b>M ID 2/2</b>
<b>BEG02</b>	<b>92</b>	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order BK Blanket Order (Quantity Firm) CF Confirming NE New Order RL Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order SA Stand-alone Order	<b>M ID 2/2</b>
<b>BEG03</b>	<b>324</b>	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	<b>M AN 1/20</b>
<b>BEG04</b>	<b>328</b>	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Release Number for blanket order releases only.	<b>O AN 1/30</b>
<b>BEG05</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>

**Segment:** **CUR** Currency

**Position:** 040

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**

**Comments:**

- 1 See Figures Appendix for examples detailing the use of the CUR segment.

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
CUR01	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	<b>M ID 2/3</b>
CUR02	100	<b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified "USD" for US dollars. "CAD" for Canadian dollars.	<b>M ID 3/3</b>

**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification VR Vendor Number	M ID 2/3
REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Sherwin Williams 10-digit Vendor Number.	M AN 1/10

**Segment:** **PER** Administrative Communications Contact  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named BB                      Local Purchasing Agent	M    ID 2/2
PER02	93	<b>Name</b> Free-form name Ordered By name.	M    AN 1/60

**Segment:** **PER** Administrative Communications Contact  
**Position:** 065  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named AA Authorized Representative	M ID 2/2
PER02	93	Name Free-form name Authorized Representative's name.	M AN 1/60

**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:**

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges CC Collect DF Defined by Buyer and Seller PC Prepaid but Charged to Customer PP Prepaid & Add PU Pickup	M ID 2/2
FOB02	309	<b>Location Qualifier</b> Code identifying type of location DL Customer SN Store Number WH Warehouse	M ID 1/2
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content FOB Description. For SWAT Orders, Store Number or Destination based on FOB02. For In-Stock Orders, "Sellers" will be sent.	M AN 1/80
FOB08	54	<b>Risk of Loss Code</b> Code specifying where responsibility for risk of loss passes BY Risk of Loss in Transit to Destination is Buyer's. FOB Shipping Point SE Risk of Loss in Transit to Destination is Seller's. FOB Destination	M ID 2/2
FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content Risk/Loss Description. For SWAT Orders, Seller.	M AN 1/80

**Segment:** **CSH Sales Requirements**  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify general conditions or requirements of the sale  
**Syntax Notes:**

- 1 If CSH02 is present, then CSH03 is required.
- 2 If either CSH06 or CSH07 is present, then the other is required.
- 3 If either CSH09 or CSH10 is present, then the other is required.

**Semantic Notes:**

- 1 CSH03 is the maximum monetary amount value which the order must not exceed.
- 2 CSH04 is the account number to which the purchase amount is charged.
- 3 CSH05 is the date specified by the sender to be shown on the invoice.
- 4 CSH06 identifies the source of the code value in CSH07.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
CSH01	563	Sales Requirement Code	M ID 1/2
		Code to identify a specific requirement or agreement of sale	
		BK	Ship Partial - Balance Back Order
		SC	Ship Complete
		SP	Ship Partial, Balance Cancel

**Segment:** SAC Service, Promotion, Allowance, or Charge Information  
**Position:** 120  
**Loop:** SAC Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
  - 2 If either SAC03 or SAC04 is present, then the other is required.
  - 3 If either SAC06 or SAC07 is present, then the other is required.
  - 4 If either SAC09 or SAC10 is present, then the other is required.
  - 5 If SAC11 is present, then SAC10 is required.
  - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
  - 7 If SAC14 is present, then SAC13 is required.
  - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
  - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
  - 3 SAC08 is the allowance or charge rate per unit.
  - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
  - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
  - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
  - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
  - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

#### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SAC01	248	Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
		P Promotion	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		D240 Freight	
		D500 Handling	
		F050 Other (See related description)	
		F190 Palletizing	
		F800 Promotional Allowance	
SAC05	610	Amount	M N2 1/15
		Monetary amount	
		Related Allowance, Charge, or Promotion amount.	

SAC15

352

**Description**

M AN 1/80

A free-form description to clarify the related data elements and their content  
Allowance, Charge, or Promotion Description.

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify terms of sale  
**Syntax Notes:**

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantic Notes:**

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**

- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms 14 Previously agreed upon	M ID 2/2
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period Code value 3 used for all Store Orders. Code values 1 - 8 used for SWAT Orders. 1 Ship Date 2 Delivery Date 3 Invoice Date 4 Specified Date 5 Invoice Receipt Date 6 Anticipated Delivery Date 7 Effective Date 8 Invoice Transmission Date	M ID 1/2
ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date Percent (Example: "4" for 4%).	O R 1/6
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned expressed in format CCYYMMDD	O DT 8/8
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned	O N0 1/3
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable) Terms Net Days (Example: "31" for 31 days).	M N0 1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount	O N2 1/10

**Segment:** **DTM** Date/Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 002 Delivery Requested	M ID 3/3
DTM02	373	<b>Date</b> Date expressed as CCYYMMDD Date the goods should be delivered to the Sherwin-Williams location.	M DT 8/8

**Segment:** **MEA** Measurements

**Position:** 200

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Sent on DSC Orders only.

#### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code Code identifying the broad category to which a measurement applies WT Weights	M ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies G Gross Weight	M ID 1/3
MEA03	739	Measurement Value The value of the measurement Shipping Weight	M R 1/20
MEA04	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M
C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	M ID 2/2

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 240  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:**

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.
- 5 If TD513 is present, then TD512 is required.
- 6 If TD514 is present, then TD513 is required.
- 7 If TD515 is present, then TD512 is required.

**Semantic Notes:**

- 1 TD515 is the country where the service is to be performed.

**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD504	91	<b>Transportation Method/Type Code</b>	M ID 1/2
		Code specifying the method or type of transportation for the shipment	
		H Customer Pickup	
		M Motor (Common Carrier)	
		T Best Way (Shippers Option)	
TD505	387	<b>Routing</b>	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
TD512	284	<b>Service Level Code</b>	X ID 2/2
		Code indicating the level of transportation service or the billing service offered by the transportation carrier	
		ON Overnight	
		SE 2 <sup>nd</sup> Day	

**Segment:** **CTB** Restrictions/Conditions  
**Position:** 280  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify restrictions/conditions (such as shipping, ordering)  
**Syntax Notes:**

- 1 At least one of CTB02 CTB04 or CTB06 is required.
- 2 If either CTB03 or CTB04 is present, then the other is required.
- 3 If either CTB05 or CTB06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
CTB01	688	Restrictions/Conditions Qualifier Code identifying the type of restriction/condition AA Paperwork OR Ordering SP Special Order Only SR Shipping	M ID 2/2
CTB02	352	Description A free-form description to clarify the related data elements and their content Special information related to the order or shipping.	M AN 1/80

**Segment:** **TXI** Tax Information  
**Position:** 285  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To specify tax information  
**Syntax Notes:**

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

**Semantic Notes:**

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax CG Federal Value-added Tax (GST) on Goods OH Other Taxes PG State or Provincial Tax on Goods	M ID 2/2
TXI02	782	<b>Monetary Amount</b> Monetary amount	X R 1/18
TXI03	954	<b>Percent</b> Percentage expressed as a decimal	X R 1/10

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M ID 2/3
N102	93	Name Free-form name The Sherwin-Williams Co.	M AN 1/60

**Segment:** **N2** Additional Name Information  
**Position:** 320  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b> N201	<b><u>Element</u></b> 93	<b><u>Name</u></b> Name	<b><u>M</u></b> <b><u>AN 1/60</u></b>
		Free-form name	
		Distribution Center Name, Store Name, or Customer Name.	

**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
N301	166	<b>Address Information</b> Address information	M AN 1/55
N302	166	<b>Address Information</b> Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 340  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
<b>N401</b>	<b>19</b>	<b>City Name</b> Free-form text for city name	<b>M AN 2/30</b>
<b>N402</b>	<b>156</b>	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	<b>M ID 2/2</b>
<b>N403</b>	<b>116</b>	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	<b>M ID 3/15</b>
<b>N404</b>	<b>26</b>	<b>Country Code</b> Code identifying the country	<b>M ID 2/3</b>

**Segment:** **PER Administrative Communications Contact**  
**Position:** 360  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PER01</b>	<b>366</b>	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named AA Authorized Representative	<b>M ID 2/2</b>
<b>PER02</b>	<b>93</b>	<b>Name</b> Free-form name	<b>M AN 1/60</b>
<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number TE Telephone	<b>X ID 2/2</b>
<b>PER04</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable Telephone Number.	<b>X AN 1/80</b>
<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number FX Facsimile	<b>X ID 2/2</b>
<b>PER06</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable Fax Number.	<b>X AN 1/80</b>

**Segment:** **N1** Name  
**Position:** 425  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual VN Vendor	M ID 2/3
N102	93	Name Free-form name Vendor Name.	M AN 1/60

**Segment:** N2 Additional Name Information  
**Position:** 427  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b><u>Des.</u></b> N201	<b><u>Element</u></b> 93 <b><u>Name</u></b> Name Free-form name	<b><u>M</u></b> <b><u>AN 1/60</u></b>

**Segment:** N3 Address Information  
**Position:** 428  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
N301	166	<b>Address Information</b> Address information	M AN 1/55
N302	166	<b>Address Information</b> Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 429  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
N401	19	<b>City Name</b> Free-form text for city name	M AN 2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M ID 3/15
N404	26	<b>Country Code</b> Code identifying the country	M ID 2/3

**Segment:** **PER Administrative Communications Contact**  
**Position:** 430  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named AA Authorized Representative	M ID 2/2
PER02	93	<b>Name</b> Free-form name	M AN 1/60
PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number TE Telephone	X ID 2/2
PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable Telephone Number.	X AN 1/80
PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number FX Facsimile	X ID 2/2
PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable Fax Number.	X AN 1/80

**Segment:** **N1** Name  
**Position:** 440  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
2 N105 and N106 further define the type of entity in N101.

#### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SN Store/Warehouse	M ID 2/3
N102	93	<b>Name</b> Free-form name The Sherwin Williams Co.	M AN 1/60
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	M ID 1/2
N104	67	<b>Identification Code</b> Code identifying a party or other code 5-digit Store Number.	M AN 2/80

**Segment:** N2 Additional Name Information  
**Position:** 441  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>	
N201	93	Name Free-form name	M AN 1/60

**Segment:** N3 Address Information  
**Position:** 442  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
N301	166	<b>Address Information</b> Address information	M AN 1/55
N302	166	<b>Address Information</b> Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 443  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
N401	19	<b>City Name</b> Free-form text for city name	M AN 2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M ID 3/15
N404	26	<b>Country Code</b> Code identifying the country	M ID 2/3

**Segment:** **PER Administrative Communications Contact**  
**Position:** 444  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PER01</b>	<b>366</b>	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named AF Authorized Financial Contact	<b>M ID 2/2</b>
<b>PER02</b>	<b>93</b>	<b>Name</b> Free-form name Manager's Name.	<b>M AN 1/60</b>
<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number TE Telephone	<b>X ID 2/2</b>
<b>PER04</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable Telephone Number.	<b>X AN 1/80</b>
<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number	<b>X ID 2/2</b>
<b>PER06</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable Fax Number.	<b>X AN 1/80</b>

**Segment:** **SPI** Specification Identifier  
**Position:** 450  
**Loop:** SPI Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To provide a description of the included specification or technical data items  
**Syntax Notes:** 1 If either SPI02 or SPI03 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b> SPI01	<b><u>Element</u></b> 786	<b><u>Security Level Code</u></b> Code indicating the level of confidentiality assigned by the sender to the information following 09 Company Defined (Trading Partner Level)	<b><u>M ID 2/2</u></b>

**Segment:** **MSG** Message Text  
**Position:** 480  
**Loop:** SPI Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text Free-form message text Sherwin-Williams Billing Instructions.	M AN 1/264

- Segment:** **PO1** **Baseline Item Data**
- Position:** 010
- Loop:** PO1 Mandatory
- Level:** Detail
- Usage:** Mandatory
- Max Use:** 1
- Purpose:** To specify basic and most frequently used line item data
- Syntax Notes:**
- 1 If PO103 is present, then PO102 is required.
  - 2 If PO105 is present, then PO104 is required.
  - 3 If either PO106 or PO107 is present, then the other is required.
  - 4 If either PO108 or PO109 is present, then the other is required.
  - 5 If either PO110 or PO111 is present, then the other is required.
  - 6 If either PO112 or PO113 is present, then the other is required.
  - 7 If either PO114 or PO115 is present, then the other is required.
  - 8 If either PO116 or PO117 is present, then the other is required.
  - 9 If either PO118 or PO119 is present, then the other is required.
  - 10 If either PO120 or PO121 is present, then the other is required.
  - 11 If either PO122 or PO123 is present, then the other is required.
  - 12 If either PO124 or PO125 is present, then the other is required.
- Semantic Notes:**
- Comments:**
- 1 See the Data Element Dictionary for a complete list of IDs.
  - 2 PO101 is the line item identification.
  - 3 PO106 through PO125 provide for ten different product/service IDs per each item.  
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>M AN 1/20</b>
PO102	330	<b>Quantity Ordered</b> Quantity ordered	<b>M R 1/15</b>
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>M ID 2/2</b>
		DR Drum – (50-55 Gallons) – Liquid	
		EA Each	
		GA Gallon, Round or Square – Liquid	
		GH 1/2 Gallon – Liquid	
		PT Pint or 16 Ounces – Liquid	
		PV 1/2 Pint or 8 Ounces – Liquid	
		QT Quart – Liquid	
		TE Tote Bin	
		TK Tank Wagon or Truck (Gallon) – Liquid	
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	<b>M R 1/17</b>
		Unit Price will contain decimal point and up to four digits after the decimal.	
PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	<b>M ID 2/2</b>
		QE used only for In-Stock Orders.	
		PE Price per Each	
		QE Quoted Price per Each	

<b>PO106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>M</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		SK Stock Keeping Unit (SKU)		
<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>M</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		9-digit Sherwin Williams Sales Number.		
		Book Number for Book Order Wallcovering.		
<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VN Vendor's (Seller's) Item Number		
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		Vendor's Item Number.		
		Pattern Number for Wallcovering Orders.		
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		UD U.P.C./EAN Consumer Package Code (2-5-5)		
		UP U.P.C. Consumer Package Code (1-5-5-1)		
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>	<b>O</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		UPC Code for all orders.		
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used only for Window Treatment or Floorcovering orders.		
		ST Style Number		
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		ST used for Window Treatments or Floorcovering Style Name.		
<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CL Color Name		
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		Color name for Floorcovering or Window Treatments.		
<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used only for Window Treatment orders or Floorcovering orders.		
		CM National Retail Merchants Association Color Code		
<b>PO117</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		Used for Window Treatments Color Number or Floorcovering Color Number.		
<b>PO118</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used for Window Treatment, Wallcovering, or Floorcovering orders.		
		LT Lot Number		
		ST Style Number/Name		

<b>PO119</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		ST used only for Window Treatment orders for Style Name/Number for Valance.		
		LT used for Floorcovering and Wallcovering orders for Lot Number.		
<b>PO120</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used for Window Treatment, Wallcovering, or Floorcovering orders.		
		ST                      Style Number		
		ZZ                      Mutually Defined		
<b>PO121</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		ST used only for Window Treatment Orders for Style Name/Number for Insert Channel - Vertical Treatments only.		
		ZZ used only for Book Order Wallcovering and Floorcovering Lot Number Options:		
		1 = Only this lot number		
		2 = Prefer this lot number		
		3 = Not this lot number		
<b>PO122</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used only for Window Treatment orders.		
		ST                      Style Number		
<b>PO123</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		Used only for Window Treatment orders.		
		Style Name for Headrail upgrade - Vertical Treatments only.		
<b>PO124</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used only for Window Treatment orders.		
		ST                      Style Number		
<b>PO125</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		Used only for Window Treatment orders.		
		Style Name/Number for Liners - Pleated Treatments only.		

**Segment:** **MEA** Measurements

**Position:** 046

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for:

1. Window Treatments Width Measurement (MEA02 & 03), or

2. Floorcovering Width Measurement (MEA02 & 03), and

3. Mount Type for Window Treatments (MEA09).

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>MEA02</b>	<b>738</b>	<b>Measurement Qualifier</b> Code identifying a specific product or process characteristic to which a measurement applies WD Width	<b>M ID 1/3</b>
<b>MEA03</b>	<b>739</b>	<b>Measurement Value</b> The value of the measurement	<b>M R 1/20</b>
<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described Used for Mount Type for Window Treatment orders. EX Ceiling Outside IN Inside IT Ceiling Inside OT Outside WF Door	<b>O ID 2/2</b>

**Segment:** **MEA** Measurements

**Position:** 047

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for:

1. Window Treatments Height Measurement (MEA02 & 03), or

2. Floorcovering Length Measurement (MEA02 & 03), and

3. Window Treatment Type for Window Treatments (MEA09).

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>MEA02</b>	<b>738</b>	<b>Measurement Qualifier</b> Code identifying a specific product or process characteristic to which a measurement applies HT Height LN Length	<b>M ID 1/3</b>
<b>MEA03</b>	<b>739</b>	<b>Measurement Value</b> The value of the measurement Window Treatments Height or Floorcovering Length Measurement.	<b>M R 1/20</b>
<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described Used for Window Treatment Type for Window Treatment orders: R1 Horizontal R2 Vertical R3 Pleated R4 Cellular R5 Wood	<b>O ID 2/2</b>

**Segment:** **MEA** Measurements

**Position:** 048

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Window Treatment Wand Options only.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA04	C001	<b>Composite Unit of Measure</b>	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
C00101	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		15 Wand	
MEA08	936	<b>Measurement Attribute Code</b>	M ID 2/2
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		ZZ Mutually Defined	
MEA09	752	<b>Surface/Layer/Position Code</b>	M ID 2/2
		Code indicating the product surface, layer or position that is being described	
		LT Left	
		SB Right	

**Segment:** **MEA** Measurements

**Position:** 049

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Window Treatment Cord Options only.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA04	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	M
C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 8C Cord	M ID 2/2
MEA08	936	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined ZZ Mutually Defined	M ID 2/2
MEA09	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described LT Left SB Right	M ID 2/2

**Segment:** **MEA** Measurements

**Position:** 050

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Vertical Window Treatment only.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MEA04	C001	<b>Composite Unit of Measure</b>	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
C00101	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		OA Vertical	
MEA08	936	<b>Measurement Attribute Code</b>	M ID 2/2
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		ZZ Mutually Defined	
MEA09	752	<b>Surface/Layer/Position Code</b>	M ID 2/2
		Code indicating the product surface, layer or position that is being described	
		Used for Vertical Window Treatment information:	
		CT Center	
		LT Left	
		R6 Split	
		R7 Reverse Stack	
		SB Right	

**Segment:** **MEA** Measurements

**Position:** 051

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Pleated & Cellular Window Treatment information.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>MEA08</b>	<b>936</b>	<b>Measurement Attribute Code</b>	<b>M ID 2/2</b>
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		ZZ Mutually Defined	
<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b>	<b>M ID 2/2</b>
		Code indicating the product surface, layer or position that is being described	
		R8 Top down	
		R9 Bottom up	
		RA Top down & Bottom up	

**Segment:** **MEA** Measurements

**Position:** 052

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Weight & Chain Options for Vertical Window Treatments.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA08	936	Measurement Attribute Code	M ID 2/2
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		ZZ Mutually Defined	
MEA09	752	Surface/Layer/Position Code	M ID 2/2
		Code indicating the product surface, layer or position that is being described	
		Used for Weight & Chain Options information.	
		RB Sewn in Weights	
		RC Weights with Chain	
		RD Keyhole with Chain	

**Segment:** **MEA** Measurements

**Position:** 053

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Cellular & Pleated Window Treatments information or for Two-on-One Headrail information.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u> MEA08	<u>Element</u> 936	<b>Measurement Attribute Code</b>	<b>M ID 2/2</b>
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		Used for Two-on-One Headrail - Horizontal, Pleated, Cellular, and Wood Window Treatments.	
		07	Yes
		20	No
MEA09	752	<b>Surface/Layer/Position Code</b>	<b>M ID 2/2</b>
		Code indicating the product surface, layer or position that is being described	
		RE	Semi-opaque
		RF	Opaque

**Segment:** **MEA** Measurements

**Position:** 054

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Cord & Loop information on Pleated Window Treatments.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA04	C001	Composite Unit of Measure	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
C00101	355	Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		N7 Cord & Loop	
MEA08	936	Measurement Attribute Code	M ID 2/2
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		Yes = when Cord & Loop should be included.	
		No = when Cord & Loop should not be included.	
		07 Yes	
		20 No	

**Segment:** **MEA** Measurements

**Position:** 055

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Used for Cloth Ladder Tape information on Wood Window Treatments.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>MEA04</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>M</b>
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		M0 Cloth Ladder Tape	
<b>MEA08</b>	<b>936</b>	<b>Measurement Attribute Code</b>	<b>M ID 2/2</b>
		Code used to express an attribute response when a numeric measurement value cannot be determined	
		Yes = when Cloth Ladder Tape should be included.	
		No = when Cloth Ladder Tape should not be included.	
		07 Yes	
		20 No	

**Segment:** **PID** Product/Item Description

**Position:** 059

**Loop:** PID Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To describe a product or process in coded or free-form format

**Syntax Notes:**

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

**Semantic Notes:**

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

**Comments:**

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content Used to enter the Item Description.	M AN 1/80

**Segment:** **MEA** Measurements

**Position:** 060

**Loop:** PID Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Sent on DSC Orders only.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code Code identifying the broad category to which a measurement applies WT Weights	M ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies N Actual Net Weight	M ID 1/3
MEA03	739	Measurement Value The value of the measurement Shipping weight for entire line item.	M R 1/20
MEA04	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M
C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	M ID 2/2

**Segment:** **MEA** Measurements

**Position:** 065

**Loop:** PID Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.

3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

**Notes:** Sent on DSC Orders only.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code Code identifying the broad category to which a measurement applies WT Weights	M ID 2/2
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies U Weight per Unit	M ID 1/3
MEA03	739	Measurement Value The value of the measurement Shipping weight for a single unit of this line item.	M R 1/20
MEA04	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	M
C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	M ID 2/2

**Segment:** SAC Service, Promotion, Allowance, or Charge Information  
**Position:** 130  
**Loop:** SAC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**Syntax Notes:**

- 1 At least one of SAC02 or SAC03 is required.
- 2 If either SAC03 or SAC04 is present, then the other is required.
- 3 If either SAC06 or SAC07 is present, then the other is required.
- 4 If either SAC09 or SAC10 is present, then the other is required.
- 5 If SAC11 is present, then SAC10 is required.
- 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
- 7 If SAC14 is present, then SAC13 is required.
- 8 If SAC16 is present, then SAC15 is required.

**Semantic Notes:**

- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 3 SAC08 is the allowance or charge rate per unit.
- 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
- 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
- 7 SAC16 is used to identify the language being used in SAC15.

**Comments:**

- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
- 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

#### Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified P Promotion	M ID 1/1
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge F800 Promotional Allowance	M ID 4/4
SAC05	610	<b>Amount</b> Monetary amount Related Allowance, Charge, or Promotion amount.	M N2 1/15
SAC15	352	<b>Description</b> A free-form description to clarify the related data elements and their content	M AN 1/80

**Segment:** **MSG** Message Text  
**Position:** 289  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** Used to provide Bracket information for Window Treatment orders.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text	M AN 1/264
		Free-form message text	
		Used to enter Bracket information, such as Hold Down Bracket, or Extension Bracket sizes.	

**Segment:** **AMT** Monetary Amount  
**Position:** 600  
**Loop:** AMT Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
AMT01	522	Amount Qualifier Code Code to qualify amount 1 Line Item Total	M ID 1/3
AMT02	782	Monetary Amount Monetary amount Total amount of line item.	M R 1/18

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:** CTT Mandatory  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CTT01	354	<b>Number of Line Items</b>	<b>M N0 1/6</b>
		Total number of line items in the transaction set	
		Total Number of Line Items (PO1 segments).	
CTT02	347	<b>Hash Total</b>	<b>M R 1/10</b>
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
		Sent for all orders.	

**Segment:** **AMT** Monetary Amount  
**Position:** 020  
**Loop:** CTT Mandatory  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
AMT01	522	Amount Qualifier Code Code to qualify amount TT Total Transaction Amount	M ID 1/3
AMT02	782	Monetary Amount Monetary amount	M R 1/18
Total Amount of PO (PO1 segments) plus Taxes (TXI segment) & Charges (SAC segment).			

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
		Total number of segments included in a transaction set including ST and SE segments	
<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	