



SHERWIN-WILLIAMS

855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

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:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	010	ST	Transaction Set Header	M	1		
5	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
6	040	CUR	Currency	M	1		
7	050	REF	Reference Identification	M	1		
8	055	REF	Reference Identification	O	1		
9	060	PER	Administrative Communications Contact	M	1		
10	065	PER	Administrative Communications Contact	M	1		
11	080	FOB	F.O.B. Related Instructions	M	1		
LOOP ID - SAC						5	
12	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
13	150	DTM	Date/Time Reference	M	1		
14	240	TD5	Carrier Details (Routing Sequence/Transit Time)	M	1		
15	275	TXI	Tax Information	O	3		
LOOP ID - N1						1	
16	300	N1	Name	M	1		
17	310	N2	Additional Name Information	M	1		
18	320	N3	Address Information	M	1		
19	330	N4	Geographic Location	M	1		
20	350	PER	Administrative Communications Contact	O	1		

			LOOP ID - N1		1	
21	425	N1	Name	M	1	
22	427	N2	Additional Name Information	O	1	
23	428	N3	Address Information	M	1	
24	429	N4	Geographic Location	M	1	
25	430	PER	Administrative Communications Contact	O	1	
			LOOP ID - N1		1	
26	440	N1	Name	M	1	
27	441	N2	Additional Name Information	O	1	
28	442	N3	Address Information	M	1	
29	443	N4	Geographic Location	M	1	
30	444	PER	Administrative Communications Contact	M	1	

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - PO1			100000	
31	010	PO1	Baseline Item Data	M	1		n1
34	046	MEA	Measurements	O	1		
35	047	MEA	Measurements	O	1		
36	048	MEA	Measurements	O	1		
37	049	MEA	Measurements	O	1		
38	050	MEA	Measurements	O	1		
39	051	MEA	Measurements	O	1		
40	052	MEA	Measurements	O	1		
41	053	MEA	Measurements	O	1		
42	054	MEA	Measurements	O	1		
43	055	MEA	Measurements	O	1		
			LOOP ID - PID			1	
44	059	PID	Product/Item Description	M	1		
45	060	MEA	Measurements	O	1		
46	065	MEA	Measurements	O	1		
			LOOP ID - SAC			1	
46	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
			LOOP ID - ACK			1	
47	270	ACK	Line Item Acknowledgment	M	1		
50	293	AMT	Monetary Amount	M	1		
			LOOP ID - N9			1	
51	350	N9	Reference Identification	M	1		
52	360	MSG	Message Text	O	1		
53	365	MSG	Message Text	M	1		

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - CTT			1	
54	010	CTT	Transaction Totals	M	1		n2
55	020	AMT	Monetary Amount	M	1		n3
56	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: **BAK** Beginning Segment for Purchase Order Acknowledgment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes:

- 1 BAK04 is the date assigned by the purchaser to purchase order.
- 2 BAK08 is the seller's order number.
- 3 BAK09 is the date assigned by the sender to the acknowledgment.

Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
BAK01	353	Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
BAK02	587	Acknowledgment Type	M ID 2/2
		Code specifying the type of acknowledgment	
		AC Acknowledge - With Detail and Change	
		AD Acknowledge - With Detail, No Change	
		AE Acknowledge - With Exception Detail Only	
		RD Reject with Detail	

BAK02 USAGE			
STORE		DSC	
CODE	USAGE	CODE	USAGE
AD	<input checked="" type="checkbox"/> Accept entire PO	AD	<input checked="" type="checkbox"/> Accept entire PO
AC	<input checked="" type="checkbox"/> Accept/Deny line item 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Change quantity – lower only 1. Allow only if not ship complete (CSH01≠"SC" in 850)	AC	<input checked="" type="checkbox"/> Accept/Deny line item 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Change quantity – increase & lower 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Change Unit Cost – increase & lower
RD	<input checked="" type="checkbox"/> Deny entire PO	RD	<input checked="" type="checkbox"/> Deny entire PO
AE	<input checked="" type="checkbox"/> Accept, but need change to Mfg. Part Number, <input checked="" type="checkbox"/> Accept, but change SAC or TXI	AE	<input checked="" type="checkbox"/> Accept, but need change to Mfg. Part Number, <input checked="" type="checkbox"/> Accept, but change SAC or TXI

BAK03 324 Purchase Order Number M AN 1/20

Identifying number for Purchase Order assigned by the orderer/purchaser

BAK04 373 Date M DT 8/8

Date expressed as CCYYMMDD

BAK05 328 Release Number O AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

The Release Number for blanket order releases, should be entered here.

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	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M ID 2/3
CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified "USD" for US dollars. "CAD" for Canadian dollars.	M ID 3/3

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 1/30

Segment: **REF** Reference Identification
Position: 055
Loop:
Level: Heading
Usage: Optional
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 VN Vendor Order 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 Used to enter the Vendor's Order Number.	M AN 1/30

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	Contact Function Code Code identifying the major duty or responsibility of the person or group named BB Local Purchasing Agent	M ID 2/2
PER02	93	Name Free-form name Ordered By name.	M AN 1/60

Segment: **PER** Administrative Communications Contact
Position: 065
Loop:
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>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.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
FOB01	146	Shipment Method of Payment	M ID 2/2
		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	
FOB02	309	Location Qualifier	M ID 1/2
		Code identifying type of location	
		DL Customer	
		SN Store Number	
		WH Warehouse	
FOB03	352	Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	
		Store Number or DEST based on FOB02.	
FOB08	54	Risk of Loss Code	M ID 2/2
		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	
FOB09	352	Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	
		Seller or Buyer.	

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 Code which indicates an allowance or charge for the service specified C Charge P Promotion	M ID 1/1
SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge D240 Freight D500 Handling F050 Other (See related description) F190 Palletizing	M ID 4/4
SAC05	610	Amount Monetary amount Related Allowance, Charge, or Promotion amount.	M N2 1/15
SAC15	352	Description A free-form description to clarify the related data elements and their content Allowance, Charge, or Promotion Description.	M AN 1/80

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	Date/Time Qualifier Code specifying type of date or time, or both date and time 067 Current Schedule Delivery	M ID 3/3
DTM02	373	Date Date expressed as CCYYMMDD	M DT 8/8

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 240
Loop:
Level: 7Heading
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	Transportation Method/Type Code	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	Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
TD512	284	Service Level Code	X ID 2/2
		Code indicating the level of transportation service or the billing service offered by the transportation carrier	
		ON Overnight	
		SE 2 nd Day	

Segment: **TXI Tax Information**
Position: 275
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			
Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TXI01	963	Tax Type Code	M ID 2/2
		Code specifying the type of tax	
		CG Federal Value-added Tax (GST) on Goods	
		OH Other Taxes	
		PG State or Provincial Tax on Goods	
TXI02	782	Monetary Amount	X R 1/18
		Monetary amount	
TXI03	954	Percent	X R 1/10
		Percentage expressed as a decimal	

Segment: **N1** Name
Position: 300
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 Customer Name.	M AN 1/60

Segment: N2 Additional Name Information
Position: 310
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

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

Segment: N3 Address Information
Position: 320
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

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

Segment: **N4 Geographic Location**
Position: 330
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

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

Segment: **PER Administrative Communications Contact**
Position: 350
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	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	M AN 1/60
PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable Telephone Number.	X AN 1/80
PER05	365	Communication Number Qualifier Code identifying the type of communication number FX Facsimile	X ID 2/2
PER06	364	Communication Number Complete communications number including country or area code when applicable Fax Number.	X AN 1/80

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

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

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

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

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	M AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M ID 3/15
N404	26	Country Code 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	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	M AN 1/60
PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable Telephone Number.	X AN 1/80
PER05	365	Communication Number Qualifier Code identifying the type of communication number FX Facsimile	X ID 2/2
PER06	364	Communication Number 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	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SN Store/Warehouse	M ID 2/3
N102	93	Name Free-form name The Sherwin-Williams Co.	M AN 1/60
N103	66	Identification Code Qualifier 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	Identification Code Code identifying a party or other code 5-digit Store Number.	M AN 2/80

Segment: N2 Additional Name Information
Position: 442
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

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

Segment: N3 Address Information
Position: 443
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

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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	M AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	M ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M ID 3/15
N404	26	Country Code 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>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named AF Authorized Financial Contact	M ID 2/2
PER02	93	Name Free-form name Manager's Name.	M AN 1/60
PER03	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable Telephone Number.	X AN 1/80
PER05	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
PER06	364	Communication Number Complete communications number including country or area code when applicable Fax Number.	X AN 1/80

- 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	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
PO102	330	Quantity Ordered Quantity ordered	M R 1/15
PO103	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	M ID 2/2
		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	Unit Price Price per unit of product, service, commodity, etc.	M R 1/17
		Unit Price must contain decimal point and up to four digits after the decimal.	
PO105	639	Basis of Unit Price Code Code identifying the type of unit price for an item	M ID 2/2
		QE used only for In-Stock Orders.	
		PE Price per Each	
		QE Quoted Price per Each	

PO106	235	Product/Service ID Qualifier	M	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		SK Stock Keeping Unit (SKU)		
PO107	234	Product/Service ID	M	AN 1/48
		Identifying number for a product or service		
		9-digit Sherwin-Williams Sales Number.		
		Book Number for Book Order Wallcovering.		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VN Vendor's (Seller's) Item Number		
PO109	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Vendor's Item Number.		
		Pattern Number for Wallcovering Orders.		
PO110	235	Product/Service ID Qualifier	O	ID 2/2
		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)		
PO111	234	Product/Service ID	O	AN 1/48
		Identifying number for a product or service		
		UPC Code for all orders.		
PO112	235	Product/Service ID Qualifier	X	ID 2/2
		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		
PO113	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		ST used for Window Treatments or Floorcovering Style Name.		
PO114	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CL Color Name		
PO115	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Color name for Floorcovering and Window Treatments.		
PO116	235	Product/Service ID Qualifier	X	ID 2/2
		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		
PO117	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Used for Window Treatments Color Number or Floorcovering Color Number.		
PO118	235	Product/Service ID Qualifier	X	ID 2/2
		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		

PO119	234	Product/Service ID	X	AN 1/48
		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.		
PO120	235	Product/Service ID Qualifier	X	ID 2/2
		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		
PO121	234	Product/Service ID	X	AN 1/48
		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		
PO122	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used only for Window Treatment orders.		
		ST Style Number		
PO123	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		Used only for Window Treatment orders.		
		Style Name for Headrail upgrade - Vertical Treatments only.		
PO124	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Used only for Window Treatment orders.		
		ST Style Number		
PO125	234	Product/Service ID	X	AN 1/48
		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>
MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies WD Width	M ID 1/3
MEA03	739	Measurement Value The value of the measurement	M R 1/20
MEA09	752	Surface/Layer/Position Code 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	O ID 2/2

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>
MEA02	738	Measurement Qualifier	M ID 1/3
		Code identifying a specific product or process characteristic to which a measurement applies	
		HT Height	
		LN Length	
MEA03	739	Measurement Value	M R 1/20
		The value of the measurement	
		Window Treatments Height or Floorcovering Length Measurement.	
MEA09	752	Surface/Layer/Position Code	O ID 2/2
		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	

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.</u>	<u>Data</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	
		15 Wand	
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	
		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	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 8C Cord	M ID 2/2
MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined ZZ Mutually Defined	M ID 2/2
MEA09	752	Surface/Layer/Position Code 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. 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	
		OA Vertical	
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 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. 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	
		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.</u>	<u>Data</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	Measurement Attribute Code	M ID 2/2
		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	Surface/Layer/Position Code	M ID 2/2
		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.</u>	<u>Data</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>
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	
		M0 Cloth Ladder Tape	
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 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	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
PID05	352	Description 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: Used 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: Used for 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

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

Segment: **ACK** Line Item Acknowledgment
Position: 270
Loop: ACK Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:

- 1 If either ACK02 or ACK03 is present, then the other is required.
- 2 If ACK04 is present, then ACK05 is required.
- 3 If either ACK07 or ACK08 is present, then the other is required.
- 4 If either ACK09 or ACK10 is present, then the other is required.
- 5 If either ACK11 or ACK12 is present, then the other is required.
- 6 If either ACK13 or ACK14 is present, then the other is required.
- 7 If either ACK15 or ACK16 is present, then the other is required.
- 8 If either ACK17 or ACK18 is present, then the other is required.
- 9 If either ACK19 or ACK20 is present, then the other is required.
- 10 If either ACK21 or ACK22 is present, then the other is required.
- 11 If either ACK23 or ACK24 is present, then the other is required.
- 12 If either ACK25 or ACK26 is present, then the other is required.
- 13 If either ACK27 or ACK28 is present, then the other is required.
- 14 If ACK28 is present, then both ACK27 and ACK29 are required.

Semantic Notes:

- 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ACK01	668	Line Item Status Code	M ID 2/2
		Code specifying the action taken by the seller on a line item requested by the buyer	
		BP	Item Accepted - Partial Shipment, Balance Backordered
		IA	Item Accepted
		IB	Item Backordered
		IC	Item Accepted - Changes Made
		IP	Item Accepted - Multiple Changes
		IQ	Item Accepted - Quantity Changed
		IR	Item Rejected

ACK01 USAGE			
STORE		DSC	
CODE	USAGE	CODE	USAGE
BP	<input checked="" type="checkbox"/> Item Accepted – Partial Ship/Balance Backordered 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Allow change to Mfg. Part Number	BP	<input checked="" type="checkbox"/> Item Accepted – Partial Ship/Balance Backordered 2. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Allow change to Mfg. Part Number
IA	<input checked="" type="checkbox"/> Accept with No changes	IA	<input checked="" type="checkbox"/> Accept with No changes
IB	<input checked="" type="checkbox"/> Item Backordered 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Allow change to Mfg. Part Number	IB	<input checked="" type="checkbox"/> Item Backordered 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Allow change to Mfg. Part Number
IC	<input checked="" type="checkbox"/> Accept line item, but change Mfg. Part Number only	IC	<input checked="" type="checkbox"/> Accept line item, but change Mfg. Part Number only
IQ	<input checked="" type="checkbox"/> Item Accepted, but full balance not available/Balance Canceled 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Allow change to Mfg. Part Number	IP	<input checked="" type="checkbox"/> Item Accepted, but multiple changes: <input checked="" type="checkbox"/> Price Change <input checked="" type="checkbox"/> Quantity Change 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Mfg. Part Number Change
IR	<input checked="" type="checkbox"/> Item Rejected	IR	<input checked="" type="checkbox"/> Item Rejected
		IQ	<input checked="" type="checkbox"/> Item Accepted, but full balance not available 1. Allow only if not ship complete (CSH01≠"SC" in 850) <input checked="" type="checkbox"/> Allow change to Mfg. Part Number

ACK02	380	Quantity	M R 1/15
		Numeric value of quantity	
		Enter the quantity available to ship now.	
ACK03	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	
		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	
ACK04	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		076 Scheduled for Delivery (Week of)	
ACK05	373	Date	M DT 8/8
		Date expressed as CCYYMMDD	
		Enter the date this item is scheduled for delivery to Sherwin-Williams..	
ACK07	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VN Vendor's (Seller's) Item Number	
ACK08	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
		Enter revised Vendor Item Number associated with Sherwin-Williams SKU or Style Number.	

Segment: **AMT** Monetary Amount
Position: 293
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: **N9 Reference Identification**
Position: 350
Loop: N9 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N901	128	Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	M ID 2/3
N903	369	Free-form Description Free-form descriptive text Enter "Bracket Information".	M AN 1/45

Segment: **MSG** Message Text
Position: 360
Loop: N9 Optional
Level: Detail
Usage: Optional
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.
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: **MSG** Message Text
Position: 365
Loop: N9 Mandatory
Level: Detail
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.
Notes: When denying a line item, enter the reason for denial here.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

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	Number of Line Items Total number of line items in the transaction set	M N0 1/6
CTT02	347	Hash Total 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.	M R 1/10

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>
<u>Des.</u>	<u>Element</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 Dollar Amount of all line item AMT values 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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
SE02	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