

850 PURCHASE ORDER

Overview

The 850 purchase order document is used by the dealer to send purchase orders to the vendor. This document provides an electronic mechanism for the dealer to initiate orders for products supplied to the dealer by the vendor. This document should not be used to initiate purchase order changes, cancellations, inquiries, or stock reservations, as the standard does not accommodate these capabilities.

A 997 Functional Acknowledgement will be sent to the dealer as an acknowledgement of the vendor's receipt of this document. An 855 Purchase Order Acknowledgment will also be sent to verify the information on this document.

Each vendor processes 850 purchase order documents on a different schedule, although a response within a few minutes is recommended.

Guidelines:

- One purchase order per file
- Purchase order document files should be placed on seller server named ICN.850 (#####.850). Resulting 855 files will be named using same number (#####.855).
- Please be mindful of any vendor restrictions that limit product types being mixed on the same document (some vendors can not accept carpet and hard surface orders on the same document)

Revisions:

Release 1.08 03/24/05
Added N9 to Correct MSG segment location.

Release 1.11 06/27/07
Added LB and PK UOM in PO1*03 element to Comply with B2B 832 UOMs

Format Standard

Data Element	Element Number	Mandatory/	Max Loop
ISA	Interchange Start Segment	M	
GS	Functional Group Header	M	
HEADERHEADER			
ST	Transaction Set Header	M	
BEG	Beginning Segment for Purchase Order	M	
CUR	Currency	O	
REF	Reference Identification	O	5
FOB	F.O.B. Related Instruction	M	
CSH	Sales Requirements	O	
DTM	Date/Time Reference	O	
TD5	Carrier Details (Routing Sequence/Transit Time)	O	
TD4	Carrier Details (Special Handling)	O	
LOOP ID - N9			1
N9	Reference Identification		
MSG	Message Text	O	1000
LOOP ID - N1			200
N1	Name	O	5
N3	Address Information	O	
N4	Geographic Location	O	
REF	Reference Identification	O	2
PER	Administrative Communications Contact	O	
DETAIL			
LOOP ID - PO1			100000
PO1	Baseline Item Data	M	100000
MEA	Measurements	O	2
LOOP ID - PID			1000
PID	Product/Item Description	O	
MEA	Measurements	O	2
LOOP ID - SAC			25
SAC	Service Charge Information	O	
SUMMARY			
LOOP ID - CTT			1
CTT	Transaction Totals	O	
SE	Transaction Set Trailer	M	
GE	Functional Group Trailer	M	
IEA	Interchange End Trailer	M	

Floor Covering Industry
Purchase Order – ANSI 850 Version 4010
Segment Usage

Data Element	Element Number	Element Name	Element Length	Element Type	Mandatory/Optional/Conditional	Comments
ISA	INTERCHANGE START SEGMENT					
1	I01	Authorization Information Qualifier	02/02	ID	M	00 = No Authorization Present
2	I02	Authorization Information	10/10	AN	M	
3	I03	Security Information Qualifier	02/02	ID	M	00 = No Security Information Present
4	I04	Security Information	10/10	AN	M	
5	I05	Interchange ID Qualifier	02/02	ID	M	Sender ID Qualifier
6	I06	Interchange Sender ID	15/15	AN	M	Sender ID
7	I05	Interchange ID Qualifier	02/02	ID	M	Receiver ID Qualifier
8	I07	Interchange Receiver ID	15/15	AN	M	Receiver ID
9	I08	Interchange Date	06/06	DT	M	YYMMDD
10	I09	Interchange Time	04/04	TM	M	HHMM
11	I10	Interchange Control Standards Identifier	01/01	ID	M	U = U.S. EDI Community of ASC X12, TDCC and UCS
12	I11	Interchange Control Version Number	05/05	ID	M	00400 = ANSI-X12
13	I12	Interchange Control Number	09/09	N0	M	
14	I13	Acknowledgement Requested	01/01	ID	M	0 = No Acknowledgement Requested
15	I14	Test Indicator	01/01	ID	M	T = Test Data P = Production Data
16	I15	Sub Element Separator	01/01	AN	M	
GS	FUNCTIONAL GROUP HEADER					
1	479	Functional Identifier Code	02/02	ID	M	PO = Purchase Order
2	142	Group Sender's Code	02/15	AN	M	
3	124	Group Receiver's Code	02/15	AN	M	
4	373	Date	08/08	DT	M	YYYYMMDD
5	337	Time	04/06	TM	M	HHMMSS
6	28	Group Control Number	01/09	N0	M	
7	455	Responsible Agency Code	01/02	ID	M	X = Accredited Standards Committee X12
8	480	Version/Release/Industry Identifier Code	01/12	AN	M	004010
ST	TRANSACTION SET HEADER					
1	143	Transaction Set Identifier Code	03/03	ID	M	850 = X12 Purchase Order
2	329	Transaction Set Control Number	04/09	AN	M	
BEG	BEGINNING SEGMENT FOR PURCHASE ORDER					

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Data Element	Element Number	Element Name	Element Length	Element Type	Mandatory/Optional/Conditional	Comments
1	353	Transaction Set Purpose Code	02/02	ID	M	00 = Original CN = "Order Complete/Final Instructions Herein" Combine with CR in .02 to release Will Advise orders.
2	92	Purchase Order Type Code	02/02	ID	M	SA = Stand Alone FH = Fabricate & Hold ("Will Advise") CR = "Change to Release" (on prior Will Advise Order) Requires CN in .01 and Vendor Order Ref# in REF*RX.02
3	324	Purchase Order Number	01/22	AN	M	Purchase Order Number
5	373	Purchase Order Date	08/08	DT	M	YYYYMMDD
6	367	Contract Number	01/30	AN	O	Contract Number/Quote Number
CUR	CURRENCY					
1	98	Entity Identifier Code	02/02	ID	M	SE = Selling Entity
2	100	Currency Code	03/03	ID	M	USD = U.S. Dollars CAN = Canadian Dollars
REF	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	02/02	ID	M	I1 = Account Number
2	127	Reference Identification	01/30	AN	C	Account Number
REF	REFERENCE IDENTIFICATION (replacement orders only)					
1	128	Reference Identification Qualifier	02/02	ID	M	D9 = Claim Number IK = Invoice Number OQ = Order Number OP = Original Purchase Order #
2	127	Reference Identification	01/30	AN	C	Appropriate Number
4	128	Reference Identification Qualifier	02/02	ID	O	TD = Reason for Replacement
5	127	Reference Identification	01/30	AN	O	Replacement Reason Description
REF	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	02/02	ID	M	DP = Department Number
2	127	Reference Identification	01/30	AN	C	Department Number
REF	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	02/02	ID	M	CE = Class of Contract Code
2	127	Reference Identification	01/30	AN	C	Contract Usage (end use)
REF	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	02/02	ID	M	RX – Reservation Number

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Data Element	Element Number	Element Name	Element Length	Element Type	Mandatory/Optional/Conditional	Comments
2	127	Reference Identification	01/30	AN	C	Vendor assigned Reservation Number
FOB	F.O.B. RELATED INSTRUCTION					
1	146	Shipment Method of Payment	02/02	ID	M	CC = Collect PC = Prepaid but Charged to Customer PP = Prepaid PU – Customer Pickup
2	309	Location Qualifier	01/02	ID	M	WH = Warehouse
3	352	Description	01.80	AN	M	Warehouse Code
CSH	SALES REQUIREMENTS					
1	563	Sales Require Code	01/02	ID	O	BK = Ship Partial, Balance Backordered SC = Ship Complete SP = Ship Partial, Cancel Balance FT = Ship Full Truck Only P2 = Ship As Soon As Possible Z = Stock Check Only UL = Reserve Only N = No Backorder
DTM	DATE/TIME REFERENCE					
1	374	Date/Time Qualifier	03/03	ID	M	001 = Cancel After Date 010 = Requested Ship Date 002 = Delivery Requested Date 037 = Do Not Ship Before Date
2	373	Date	08/08	DT	C	YYYYMMDD
TD5	CARRIER DETAILS (ROUTING SEQUENCE/TRANSIT TIME)					
2	66	ID Code Qualifier	01/02	ID	C	02 = SCAC ZZ = Carrier Description
3	67	ID Code	02/80	AN	C	SCAC or Carrier Description
TD4	CARRIER DETAILS (SPECIAL HANDLING)					
1	152	Special Handling Code	02/03	ID	C	DEL = Delivery Service
4	352	Description	01/80	AN	O	Delivery instructions to driver (prints on Bill of Lading)
N9	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	2/3	ID	O	TOC = Type of Comment
3	369	Free-Form Message Text	1/45	AN	O	“SI” (Special Instructions)
MSG	MESSAGE TEXT					
1	933	Free-Form Message Text	1/264	AN	O	Can repeat up to 1000 Times

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Data Element	Element Number	Element Name	Element Length	Element Type	Mandatory/Optional/Conditional	Comments
N1	NAME (Bill-To)					
1	98	Entity ID Code	02/02	ID	M	BY = Buying Party
2	93	Name	01/60	AN	C	Bill-to Name
3	66	ID Code Qualifier	01/02	ID	C	92 = Assigned by Buyer
4	67	ID Code	04/04	AN	C	Chain Store Number / Location Identifier
N3	ADDRESS INFORMATION					
1	166	Address	01/55	AN	M	Bill-to Address 1
2	166	Address	01/55	AN	O	Bill-to Address 2
N4	GEOGRAPHIC LOCATION					
1	19	City Name	02/30	AN	O	Bill-to City
2	156	State/Providence Code	02/02	ID	O	Bill-to State
3	116	Postal Code	03/15	ID	O	Bill-to Zip Code
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT					
1	366	Contact Function Code	02/02	ID	M	OC = Order Contact
2	93	Name	01/60	AN	O	Sales Associate Name
N1	NAME (send ship-to segments only if different from default)					
1	98	Entity ID Code	02/02	ID	M	ST = Ship-to
2	93	Name	01/60	AN	C	Ship-to Name
3	66	ID Code Qualifier	01/02	ID	C	92 = Assigned by Buyer
4	67	ID Code	04/04	AN	C	Location Identifier/Chain Store Number
N3	ADDRESS INFORMATION					
1	166	Address	01/55	AN	M	Ship-to Address 1
2	166	Address	01/55	AN	O	Ship-to Address 2
N4	GEOGRAPHIC LOCATION					
1	19	City Name	02/30	AN	O	Ship-to City
2	156	State/Providence Code	02/02	ID	O	Ship-to State
3	116	Postal Code	03/15	ID	O	Ship-to Zip Code
N1	NAME					
1	98	Entity ID Code	02/02	ID	M	OB = Ordered By
2	93	Name	01/60	AN	C	Consumer Name
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT					
1	366	Contact Function Code	02/02	ID	M	DC = Delivery Contact
3	365	Communication Number Qualifier	02/02	ID	C	TE = Telephone

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Data Element	Element Number	Element Name	Element Length	Element Type	Mandatory/Optional/Conditional	Comments
4	364	Communication Number	01/80	AN	C	Telephone Number
N1	NAME					
1	98	Entity ID Code	02/02	ID	M	B1 = Builder Name
2	93	Name	01/60	AN	C	Builder Name
N1	NAME					
1	98	Entity ID Code	02/02	ID	M	N9 = Subdivision Name
2	93	Name	01/60	AN	C	Subdivision Name
REF	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	02/02	ID	M	ZV = Block Number
2	127	Reference Identification	01/30	AN	C	Subdivision Block Number
REF	REFERENCE IDENTIFICATION					
1	128	Reference Identification Qualifier	02/02	ID	M	LT = Lot Number
2	127	Reference Identification	01/30	AN	C	Subdivision Lot Number
PO1	PURCHASE ORDER BASELINE ITEM DATA					
1	350	Assigned Identification	01/20	AN	O	PO line number
2	330	Quantity Ordered	01/15	R	M	Order quantity
3	355	Unit of Measure Code	02/02	ID	M	RL = Roll SY = Square Yards LF = Linear Foot EA = Each CT = Carton SF = Square Foot CA = Case PL = Pallet TC = Truckload BG = Bags PA = Pails PC = Pieces SH = Sheets ST = Sets BX = Box LB = Pounds PK = Packages
4	212	Unit Price	01/17	R	O	Unit Price

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5	639	Basis of Unit Price Code	02/02	ID	C	PY = Yard (can represent Square or Linear) PF = Foot (can represent Square or Linear) PE = Each UM = Price per UOM (as specified in PO1.03)
6	235	Product/Service ID Qualifier	02/02	ID	M	SK = SKU Number
7	234	Product/Service ID	01/48	AN	M	Item Number (SKU)
8	235	Product/Service ID Qualifier	02/02	ID	M	OT = Internal Number
9	234	Product/Service ID	01/48	AN	M	Pre-existing Vendor Reservation Number
10	235	Product/Service ID Qualifier	02/02	ID	C	DL = Dye Lot Number
11	234	Product/Service ID	01/48	AN	C	Dye Lot Number (when specific dye lot is required)
14	235	Product/Service ID Qualifier	02/02	ID	C	ZZ = Dye Lot
15	234	Product/Service ID	01/48	AN	C	Same Dye Lot Required Flag (Y/N)
16	235	Product/Service ID Qualifier	02/02	ID	C	BP = Buyer's Part Number
17	234	Product/Service ID	01/48	AN	C	Buyer's Part Number
18	235	Product/Service ID Qualifier	02/02	ID	C	UP = UPC Code
19	234	Product/Service ID	01/48	AN	C	UPC Code
20	235	Product/Service ID Qualifier	02/02	ID	O	OB = Ordered By
21	234	Product/Service ID	01/48	AN	C	Side mark/consumer name
22	235	Product/Service ID Qualifier	02/02	ID	C	CR = Contract Number
23	234	Product/Service ID	01/48	AN	C	Contract Number
MEA	MEASUREMENTS - ROLL Orders					
01	737	Measurement Reference	02/02	ID	O	RO = Roll Limits
04	355	Unit of Measure Code	02/02	ID	M	FT = Foot & Inches (inches to the right of decimal) EZ = Foot & Decimal (fraction to the right of decimal) MR = Meters CM = Centimeters
05	740	Range Minimum	01/20	R	O	Minimum Roll Length
06	741	Range Maximum	01/20	R	O	Maximum Roll Length
PID	PRODUCT/ITEM DESCRIPTION					
01	349	Item Description Type	01/01	ID	M	S = Structured
03	559	Agency Qualifier Code	02/02	ID	C	MC = Manufacturing Company
04	751	Product Description Code	01/12	AN	C	UCUTSIZE = Unbound Cut Size BOUNDSIZE = Bound Size

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Data Element	Element Number	Element Name	Element Length	Element Type	Mandatory/Optional/Conditional	Comments
						DYEG = Dye Lot Group – Only if requesting multiple pieces which may be from different dye lots
05	352	Description	01/80	AN	C	Cut/Bind/Dye Group Number
MEA	MEASUREMENTS - CUT Orders					
01	737	Measurement Reference	02/02	ID	M	PD = Physical Dimensions
02	738	Measurement Qualifier	01/03	ID	M	LN = Length WD = Width
03	739	Measurement Value	01/20	R	M	Width or Order Length
04	355	Unit of Measure Code	02/02	ID	M	FT = Foot & Inches (inches to the right of decimal) EZ = Foot & Decimal (fraction to the right of decimal) MR = Meters CM = Centimeters
05	740	Range Minimum	01/20	R	O	Minimum Length (If 02 = LN)
06	741	Range Maximum	01/20	R	O	Maximum Length (If 02 = LN)
MSG	MESSAGE TEXT					
1	933	Free-Form Message Text	01/264	AN	O	Can repeat > 1
SAC	SERVICE CHARGE INFORMATION					
01	248	Allowance or Charge Indicator	01/01	ID	M	C = Charge
04	1301	Agency Service Charge Code	01/10	AN	C	CS = Custom Service
05	610	Amount	01/15	N2	O	Binding Total Quantity
15	352	Description	01/80	AN	C	Binding Instructions
CTT	TRANSACTION TOTALS					
1	354	Number of Line Items	01/06	N0	M	
SE	TRANSACTION SET TRAILER					
1	96	Number of Included Segments	01/10	N0	M	
2	329	Transaction Set Control Number	04/09	AN	M	
GE	FUNCTIONAL GROUP TRAILER					
1	97	Number of Transaction Sets Included	01/06	N0	M	
2	28	Group Control Number	01/09	N0	M	
IEA	INTERCHANGE END TRAILER					
1	I16	Number of Included Functional Groups	01/05	N0	M	
2	I12	Interchange Control Number	09/09	N0	M	

Example
850 PURCHASE ORDER
Roll order

- ST*850*0001
- BEG*00*SA*123456**20010212*123456
- CUR*SE*USD
- REF*11*12345
- REF*IK*1234567
- REF*DP*123
- REF*CE*Contract usage code
- CSH*SC
- DTM*010*20010229
- TD5**02*YFSY
- N9*TOC**SI
- MSG*Freeform Message Text
- N1*BY*Name of Buying party*92*123
- PER*OC*FAX / DON W.
- N1*ST*Name of Store

- N3*123 Profit Street
- N4*Atlanta*GA*30303
- N1*OB*Mary Jane Smith
- PER*DC**TE*4045551212
- N1*B1*Builder Name
- N1*N9*Subdivision Name
- REF*ZV*Block Number
- REF*LT*Lot Number
- PO1*1*2*RL*1.01*PF*SK*5362536*OT*1234*
DL**SZ*1200*ZZ*Y*BP*12345*UP*
123456789*OB*John Doe*CR*1223456
- MEA*RO***FT*135*165
- CTT*1
- SE*26*0001

850 PURCHASE ORDER
Cut order- Single Piece

- ST*850*0001
- BEG*00*SA*123456**20010212*123456
- CUR*SE*USD
- REF*11*12345
- REF*IK*1234567
- REF*DP*123
- REF*CE*Contract usage code
- CSH*SC
- DTM*010*20010229
- TD5**02*YFSY
- TD4*DEL***Delivery Instructions
- N9*TOC**SI
- MSG*Freeform Message to Seller
- PER*OC*FAX / DON W.
- N1*ST*Name of Store
- N3*123 Profit Street
- N4*Atlanta*GA*30303

- N1*OB*Mary Jane Smith
- PER*DC**TE*4045551212
- N1*B1*Builder Name
- N1*N9*Subdivision Name
- REF*ZV*Block Number
- REF*LT*Lot Number
- MSG (Removed)
- PO1*1*72.08*LF*6.01*PY*SK*5362536*OT*
1234*DL**SZ*1200*ZZ*Y*BP*12345*UP*
123456789*OB*John Doe*CR*1223456
- PID*S**MC*UCUTSIZE*1
- MEA*PD*WD*12*FT
- MEA*PD*LN*72.08*FT*72.08*76.08
- CTT*1
- SE*27*0001

850 PURCHASE ORDER

Cut order with multiple cuts of same dye lot

– ST*850*0001
– BEG*00*SA*123456**20010212*123456
– CUR*SE*USD
– REF*11*12345
– REF*IK*1234567
– REF*DP*123
– REF*CE*Contract usage code
– CSH*SC
– DTM*010*20010229
– TD5**02*YFSY
– TD4*DEL***Delivery Instructions
– N9*TOC**SI
– MSG* Freeform Message to Seller
– PER*OC*FAX/DON W.
– N1*ST*Name of Store
– N3*123 Profit Street
– N4*Atlanta*GA*30303
– N1*OB*Mary Jane Smith
– PER*DC**TE*4045551212
– N1*B1*Builder Name
– N1*N9*Subdivision Name
– REF*ZV*Block Number
– REF*LT*Lot Number
– MSG*(Removed)
– PO1*1*94.08*LF*6.01*PY*SK*5362536*OT*123
4*DL*979797*SZ*1200*ZZ*N*BP*12345*UP
*123456789*OB*John Doe*CR*1223456
– PID*S**MC*UCUTSIZE*1
– MEA*PD*WD*15*FT
– MEA*PD*LN*20.02*FT*20.02*24.02
– PID*S**MC*UCUTSIZE*2
– MEA*PD*WD*15*FT
– MEA*PD*LN*25.06*FT*25.06*29.06
– PID*S**MC*UCUTSIZE*3
– MEA*PD*WD*15*FT
– MEA*PD*LN*30.04*FT*30.04*34.04
– PID*S**MC*UCUTSIZE*4
– MEA*PD*WD*15*FT
– MEA*PD*LN*18.08*FT*18.08*22.08
– MSG*Freeform Message to Seller
– CTT*1
– SE*30*0001