

Purchase Order Specification

Version 004010

850 Purchase Order

The segments we use within the 850 are as follows (click on the segment for further description):

Beginning Segment for Purchase Order	BEG
Reference Identification	REF
Reference Identification	N9
Date/Time Reference	DTM
Name	N1
Additional Name Information	N2
Address Information	N3
Geographic Location	N4
Baseline Item Data	PO1
Product/Item Description	PID
Transaction Totals	CTT
Monetary Amount	AMT

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BEG Beginning Segment for Purchase Order

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

ID	Name	Data Type	Min/Max Size	Sent
01	Transaction Set Purpose Code	ID	2/2	Y
02	Purchase Order Type Code	ID	2/2	Y
03	Purchase Order Number	Alphanumeric	1/22	Y
04	Release Number	Alphanumeric	1/30	N
05	Date	Date	8/8	Y
06	Contract Number	Alphanumeric	1/30	N
07	Acknowledgment Type	ID	2/2	N
08	Invoice Type Code	ID	3/3	N
09	Contract Type Code	ID	2/2	N
10	Purchase Category	ID	2/2	N
11	Security Level Code	ID	2/2	N
12	Transaction Type Code	ID	2/2	N

Example:

(This is for a new purchase order)
BEG*00*SA*A123456**20020515

(This is for a modified purchase order)
BEG*04*SA*A123456**20020515

(This is for a purchase order cancellation)
BEG*01*SA*A123456**20020515

BEG01 contains whether the 850 is an Original Purchase Order, Modified Purchase Order or a Canceled Purchase Order

SEMANTIC NOTES

BEG05 is the date assigned by the purchaser to purchase order.

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Reference Identification REF

To specify identifying information

ID	Name	Data Type	Min/Max Size	Sent
01	Reference Identification Qualifier	ID	2/3	Y
02	Reference Identification	Alphanumeric	1/30	Y
03	Description	Alphanumeric	1/80	Y
04	Reference Identifier	Alphanumeric	1/30	N

Example:

(REF*DP Department)

(Identification Code on the REF*DP is always the Department Code)

(Reference Identifier on the REF*DP is always the Department Description)

This is a list of all of our current departments:

REF*DP*0*EXPENSE
REF*DP*1*POTPOURRI
REF*DP*2*STATIONARY
REF*DP*3*WEDDING
REF*DP*4*STAMPS
REF*DP*5*CUSTOM FRAMING
REF*DP*6*CANDY
REF*DP*7*STENCILS
REF*DP*8*FLAGS
REF*DP*9*BRUSHES/PAINTS
REF*DP*10*ART SUPPLIES
REF*DP*11*WOOD
REF*DP*12*POSTER ART
REF*DP*13*MATS
REF*DP*14*FRAMES W/O GLASS
REF*DP*15*FRAMES W GLASS
REF*DP*16*FLORAL
REF*DP*17*ARRANGEMENTS
REF*DP*18*DRIED FLOWERS
REF*DP*19*FLORAL ACCESS
REF*DP*20*RIBBON
REF*DP*21*BASKETS
REF*DP*22*STITCHERY
REF*DP*23*TRANSFERS
REF*DP*24*YARN
REF*DP*25*T-SHIRTS / SWEATS
REF*DP*26*BOOKS
REF*DP*27*DMC FLOSS
REF*DP*28*DOLLS
REF*DP*29*NOTIONS
REF*DP*30*JEWELRY
REF*DP*31*KIDS
REF*DP*32*CANDLE SUPPLIES
REF*DP*33*MACRAME
REF*DP*34*FELT
REF*DP*35*SEASONAL
REF*DP*36*CLASSROOM
REF*DP*37*MINITURES
REF*DP*38*KIDS BOOKS
REF*DP*39*MISC NON TAX
REF*DP*40*MISC TAX

(REF*ZZ Vendor Comment)

(Identification Code on the REF*ZZ is always Vendor Comment)

REF*ZZ*COMMENT*Store 063 UPS Shipper# 3R67A1-Under 300# - Ship UPS Ground Commercial Collect

REF*ZZ*COMMENT*Co-op Discount of 5.00% Applies to this order

SYNTAX NOTES

R0203 - At least one of REF02 or REF03 is required.

SEMANTIC NOTES

REF04 contains data relating to the value cited in REF02.

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Reference Identification N9

To transmit identifying information as specified by the Reference Identification Qualifier

ID	Name	Data Type	Min/Max Size	Sent
01	Reference Identification Qualifier	ID	2/3	Y
02	Reference Identification	AN	1/30	Y
03	Free-form Description	AN	1/45	N
04	Date	DT	8/8	N
05	Time	TM	4/8	N
06	Time Code	ID	2/2	N
07	Reference Identifier	AN	1/30	N

Example:

(Reference Identification on the N9*ST is always the 3 digit Store Number zero filled)

N9*ST*008

R0203 - At least one of N902 or N903 is required.

SYNTAX NOTES

C0605 - If N906 is present, then N905 is required.

N906 reflects the time zone that the time reflects.

SEMANTIC NOTES

N907 contains data relating to the value cited in N902.

Version 004010**Date/Time Reference DTM**

To specify pertinent dates and times

ID	Name	Data Type	Min/Max Size	Sent
01	Date/Time Qualifier	ID	3/3	Y
02	Date	Date	8/8	Y
03	Time	Time	4/8	N
04	Time Code	ID	2/2	N
05	Date Time Period Format Qualifier	ID	2/3	N
06	Date Time Period	Alphanumeric	1/35	N

Example:

(A Date/Time Qualifier of 010 means Requested Ship Date)

DTM*010*20020515

(A Date/Time Qualifier of 002 means Delivery Requested Date)

DTM*002*20020515

(A Date/Time Qualifier of 001 means Cancel After Date)

DTM*001*20020912

R020305 - At least one of DTM02, DTM03 or DTM05 is required.

SYNTAX NOTES

C0403 - If DTM04 is present, then DTM03 is required. 04

P0506 - If either DTM05 or DTM06 is present, then the other is required.

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Name N1

To identify a party by type of organization, name, and code

ID	Name	Data Type	Min/Max Size	Sent
01	Entity Identifier Code	ID	2/3	Y
02	Name	Alphanumeric	1/60	Y
03	Identification Code Qualifier	ID	1/2	Y
04	Identification Code	Alphanumeric	2/80	Y
05	Entity Relationship Code	ID	2/2	N
06	Entity Identifier Code	ID	2/3	N

Example:

(N1*ST Ship to)

(Identification Code Qualifier on the N1*ST is always 92)

(Identification Code on the N1*ST is always the DC Identifier)

N1*ST*A. C. Moore Inc*92*NJ01

(N1*MA Party for whom Item is ultimately intended)

(Identification Code on the N1*MA is always the 4 digit Store Number zero filled)

N1*MA*A. C. Moore Inc*92*0015

(N1*SF Ship from)

(Identification Code Qualifier on the N1*SF is always 92)

(Identification Code on the N1*SF is always the 6 digit Vendor number zero filled)

N1*SF**92*123456

N101 SF means Ship From

N103 92 is an identifier specifying this N104 is a the 6 digit zero filled vendor identifier assigned at A.C.Moore

N104 123456 is the id A.C.Moore has assigned to your supplier

SYNTAX NOTES

02 R0203 - At least one of N102 or N103 is required.

03 P0304 - If either N103 or N104 is present, then the other is required.

COMMENTS

04 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.

05 N105 and N106 further define the type of entity in N101.

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Additional Name Information N2

To specify additional names or those longer than 35 characters in length

ID	Name	Data Type	Min/Max Size	Sent
01	Name	Alphanumeric	1/60	Y
02	Name	Alphanumeric	1/60	N

Example:

N2*450 Eisenhower Drive

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Address Information N3

To specify the location of the named party

ID	Name	Data Type	Min/Max Size	Sent
01	Address Information	Alphanumeric	1/55	Y
02	Address Information	Alphanumeric	1/55	Y

Example:
N3**PH:(717)632-9000 FAX:(717)632-9146

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Geographic Location N4

To specify the geographic place of the named party

ID	Name	Data Type	Min/Max Size	Sent
01	City Name	Alphanumeric	2/30	Y
02	State or Province Code	ID	2/2	Y
03	Postal Code	ID	3/15	Y
04	Country Code	ID	2/3	Y
05	Location Qualifier	ID	1/2	N
06	Location Identifier	Alphanumeric	1/30	N

Example:
N4*South Portland*ME*04106*US

C0605 - If N406 is present, then N405 is required. 06

SYNTAX NOTES

A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

COMMENTS

N402 is required only if city name (N401) is in the U.S. or Canada.

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Baseline Item Data PO1

To specify basic and most frequently used line item data

ID	Name	Data Type	Min/Max Size	Sent
01	Assigned Identification	Alphanumeric	1/20	Y
02	Quantity Ordered	Number	1/15	Y
03	Unit or Basis for Measurement Code	ID	2/2	Y
04	Unit Price	Number	1/17	Y
05	Basis of Unit Price Code	ID	2/2	N
06	Product/Service ID Qualifier	ID	2/2	Y
07	Product/Service ID	Alphanumeric	1/48	Y
08	Product/Service ID Qualifier	ID	2/2	N
09	Product/Service ID	Alphanumeric	1/48	N
10	Product/Service ID Qualifier	ID	2/2	N
11	Product/Service ID	Alphanumeric	1/48	N
12	Product/Service ID Qualifier	ID	2/2	N
13	Product/Service ID	Alphanumeric	1/48	N
14	Product/Service ID Qualifier	ID	2/2	N
15	Product/Service ID	Alphanumeric	1/48	N
16	Product/Service ID Qualifier	ID	2/2	N
17	Product/Service ID	Alphanumeric	1/48	N
18	Product/Service ID Qualifier	ID	2/2	N
19	Product/Service ID	Alphanumeric	1/48	N
20	Product/Service ID Qualifier	ID	2/2	N

21	Product/Service ID	Alphanumeric	1/48	N
22	Product/Service ID Qualifier	ID	2/2	N
23	Product/Service ID	Alphanumeric	1/48	N
24	Product/Service ID Qualifier	ID	2/2	N
25	Product/Service ID	Alphanumeric	1/48	N

Example:

(with Item Codes)

PO1*1*6*EA*9.05**VC*42020

PO1*2*6*EA*7.29**VC*42021

PO1*3*18*EA*4.86**VC*42024

(with UPC Codes)

PO1*1*12*EA*1.485**UP*024225012310

PO1*2*24*EA*2.52**UP*024225321122

PO1*3*12*EA*1.395**UP*024225322594

C0302 - If PO103 is present, then PO102 is required.

SYNTAX NOTES

C0504 - If PO105 is present, then PO104 is required.

P0607 - If either PO106 or PO107 is present, then the other is required.

P0809 - If either PO108 or PO109 is present, then the other is required.

P1011 - If either PO110 or PO111 is present, then the other is required.

P1213 - If either PO112 or PO113 is present, then the other is required.

P1415 - If either PO114 or PO115 is present, then the other is required.

P1617 - If either PO116 or PO117 is present, then the other is required.

P1819 - If either PO118 or PO119 is present, then the other is required.

P2021 - If either PO120 or PO121 is present, then the other is required.

P2223 - If either PO122 or PO123 is present, then the other is required.

P2425 - If either PO124 or PO125 is present, then the other is required.

COMMENTS

PO101 is the line item identification.

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.

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Product/Item Description PID

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

ID	Name	Data Type	Min/Max Size	Sent
01	Item Description Type	ID	1/1	Y
02	Product/Process Characteristic Code	ID	2/3	N
03	Agency Qualifier Code	ID	2/2	N
04	Product Description Code	Alphanumeric	1/12	N
05	Description	Alphanumeric	1/80	Y
06	Surface/Layer/Position Code	ID	2/2	N
07	Source Subqualifier	Alphanumeric	1/15	N
08	Yes/No Condition or Response Code	ID	1/1	N
09	Language Code	ID	2/3	N

Example:

PID*F****OIL SPRING FLORAL

C0403 - If PID04 is present, then PID03 is required.

SYNTAX NOTES

R0405 - At least one of PID04 or PID05 is required.

C0703 - If PID07 is present, then PID03 is required.

C0804 - If PID08 is present, then PID04 is required.

C0905 - If PID09 is present, then PID05 is required.

SEMANTIC NOTES

PID04 should be used for industry-specific product description codes.

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.

PID09 is used to identify the language being used in PID05.
 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.

COMMENTS

Use PID06 when necessary to refer to the product surface or layer being described in the segment.
 PID07 specifies the individual code list of the agency specified in PID03.

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Transaction Totals CTT

To transmit a hash total for a specific element in the transaction set

ID	Name	Data Type	Min/Max Size	Sent
01	Number of Line Items	Number	1/6	Y
02	Hash Total	Number	1/10	N
03	Weight	Number	1/10	N
04	Unit or Basis for Measurement Code	ID	2/2	N
05	Volume	Number	1/8	N
06	Unit or Basis for Measurement Code	ID	2/2	N
07	Description	Alphanumeric	1/80	N

Example:
 CTT*24

P0304 - If either CTT03 or CTT04 is present, then the other is required.

SYNTAX NOTES

P0506 - If either CTT05 or CTT06 is present, then the other is required.

This segment is intended to provide hash totals to validate transaction completeness and correctness.

COMMENTS

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Monetary Amount AMT

To indicate the total monetary amount

ID	Name	Data Type	Min/Max Size	Sent
01	Amount Qualifier Code	ID	1/3	Y
02	Monetary Amount	Number	1/18	Y
03	Credit/Debit Flag Code	ID	1/1	N

Example:
 AMT*TT*95.04

Example 850 UP

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ISA*00* 00* *12*6097684448 *12*1234567890 *020515*1219*U*00401*000001404*1*P*~
GS*PO*6097684448*1234567890*20020515*1219*1404*X*004010
ST*850*14040001
BEG*00*SA*87654321**20020515
REF*DP*31*KIDS
REF*ZZ*COMMENT*Store 063 UPS Shipper# 3R67A1-Under 300# - Ship UPS Ground Commercial
Collect
REF*ZZ*COMMENT*Co-op Discount of 5.00% Applies to this order
N9*ST*063
DTM*010*20020515
DTM*002*20020515
DTM*001*20020912
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N1*ST*A. C. Moore Inc.*92*NJ01
N2*130 A.C.Moore Drive
N4*Berlin*NJ*08009*US
N1*MA*A. C. Moore Inc.*92*0063
N2*200 Running Hill Road
N4*South Portland*ME*04106*US
N1*SF*Some Company*92*012345
N2*123 Some Road
N4*Some Town*NY*12345*US
PO1*1*12*EA*1.485**UP*024225012310
PID*F****PBN KITTENS
PO1*2*24*EA*2.52**UP*024225321122
PID*F****SQUEEZERS BASIC 10PK
PO1*3*12*EA*1.395**UP*024225322594
PID*F****S/C DOLPHIN
CTT*3
AMT*TT*95.04
SE*22*14040001
GE*1*1404
IEA*1*000001404

Example 850 VC in the PO1

ISA*00* *00* *12*6097684448 *12*8644277904
*070214*1915*U*00401*000088840*0*P~
GS*PO*6097684448*8644277904*20070214*1915*88838*X*004010
ST*850*888380001
BEG*00*SA*B326970**20070214
REF*DP*34*FELT
N9*ST*076
DTM*010*20070214
DTM*002*20070215
DTM*001*20070316
N1*ST*A. C. Moore Inc.*92*NJ01
N2*130 A.C.Moore Drive
N4*Berlin*NJ*08009*US
N1*MA*A. C. Moore Inc.*92*0076
N2*Birchwood Shopping Center
N3*3750 Virginia Beach Blvd-Ste D*PH:(757)486-1194 FAX:(757)486-1522
N4*Virginia Beach*VA*23452*US
N1*SF*Some Company*92*012345
N2*123 Some Road
N4*Some Town*NY*12345*US
PO1*1*25*EA*.1**VC*0062
PID*F****9x12 FELT GOLD
PO1*2*50*EA*.1**VC*0063
PID*F****9x12 FELT YELLOW
PO1*3*50*EA*.1**VC*0186
PID*F****9x12 FELT PINK
PO1*4*25*EA*.1**VC*0191
PID*F****9x12 FELT CARDINAL
PO1*5*6*EA*2.4**VC*0395NL-6
PID*F****QUICK STICK NMBS & LTRS ROYAL
PO1*6*25*EA*.1**VC*0500
PID*F****9x12 FELT EMERALD
PO1*7*25*EA*.1**VC*0650
PID*F****9x12 FELT WHITE
PO1*8*25*EA*.1**VC*0900
PID*F****9x12 FELT SUMMER SKY
PO1*9*3*EA*.9**VC*30444
PID*F****MY STUFF LAVNDR TOTE
PO1*10*3*EA*.9**VC*30445
PID*F****MY STUFF FUSHIA TOTE
PO1*11*6*EA*.45**VC*30477
PID*F****MY STUFF 3D KITTY
PO1*12*25*EA*.1**VC*3161
PID*F****9x12 FELT TANGERINE
PO1*13*25*EA*.1**VC*4093
PID*F****9x12 FELT BLACK

POI*14*6*EA*.34**VC*AT0052
PID*F****EZ FELT NEON LIME
POI*15*6*EA*.34**VC*AT0063
PID*F****EZ FELT YLW
POI*16*6*EA*.34**VC*AT0186
PID*F****EZ FELT PNK
POI*17*6*EA*.34**VC*AT0650
PID*F****EZ FELT WHT
POI*18*6*EA*.34**VC*AT0686
PID*F****EZ FELT MLTIA
POI*19*6*EA*.34**VC*AT3161
PID*F****EZ FELT TNGRN
POI*20*6*EA*.34**VC*AT4093
PID*F****EZ FELT BLK
POI*21*2*EA*1.38**VC*CP-0395
PID*F****36x36 CRAFT PACK ROYAL
POI*22*6*EA*1.05**VC*FSSIF19
PID*F****STICK IT FELT BIBLE SCHL
POI*23*6*EA*.79**VC*FSSPCHRLD
PID*F****STICK IT SPORTS CHEERLDER
POI*24*6*EA*.28**VC*GLM-0095
PID*F****GLIMMER 9x12 RECT FCSHIA
POI*25*6*EA*.28**VC*GLM-0395
PID*F****GLIMMER 9x12 RECT RYL
POI*26*6*EA*.28**VC*GLM-0490
PID*F****GLIMMER 9x12 RECT KLLY
POI*27*6*EA*.28**VC*GLM-0650
PID*F****GLIMMER 9x12 RECT WHT
POI*28*12*EA*.2**VC*PRTREDNEGPD
PID*F****NEGATIVE POLKA DOT RED
POI*29*6*EA*.38**VC*SIF-0093
PID*F****STICK IT FELT 9x12 LVNDR
POI*30*6*EA*.38**VC*SIF-0186
PID*F****STICK IT FELT 9x12 PINK
POI*31*12*EA*.38**VC*SIF-0650
PID*F****STICK IT FELT 9x12 WHITE
POI*32*6*EA*.38**VC*SIF-4093
PID*F****STICK IT FELT 9x12 BLACK
CTT*32
AMT*TT*98.6
SE*84*888380001
GE*1*88838
IEA*1*000088840