



P&G 4010 X12 850 SDQ Map -US and Canada

EDI	Element	Name	STANDARDS				P&G Required / Accepted
			Req	Min	Max	Atrb	
ISA	ISA01	AUTH INFO QLFY	M	2	2	ID	00 = No Authorization Information Present
	ISA02	AUTH INFO	M	10	10	AN	Normally Blank Field
	ISA03	SECURITY INFO QLFY	M	2	2	ID	00 = No Security Information Present
	ISA04	SECURITY INFO	M	10	10	AN	Normally Blank Field
	ISA05	SENDER ID QLFY	M	2	2	ID	01 = DUNS Number 08 = UCC EDI Communications ID 12 = Phone Number ZZ = mutually defined
	ISA06	SENDER ID	M	15	15	AN	Customer ID
	ISA07	RECEIVERS ID QLFY	M	2	2	ID	08 = UCC EDI Communications ID
	ISA08	RECEIVERS ID	M	15	15	AN	P&G ID
	ISA09	INTRCHNG DATE	M	6	6	DT	YYMMDD
	ISA10	INTRCHNG TIME	M	4	4	TM	HHMM
	ISA11	REPETITION SEPARATOR	M	1	1		U = U.S. EDI Community of ASC X12, TDCC and UCS
	ISA12	INTRCHNG VERSION ID	M	5	5	ID	00401
	ISA13	INTRCHNG CNTL NUM	M	9	9	NO	Interchange Control Number
	ISA14	INTRCHNG ACK REQ	M	1	1	ID	0 = No Acknowledgement Requested
	ISA15	TEST INDICATOR	M	1	1	ID	P = Production Data
	ISA16	SUBELEMENT SEPAR	M	1	1		> Component Element Separator

ISA*00* *00* *08*12345ABCDE *08*9251590000 *020218*1227*U*00401*000000001*0*P>

GS	GS01	FUNCTIONAL CODE	M	2	2	ID	PO = Purchase Order
	GS02	SENDER ID	M	2	15	AN	Customer ID
	GS03	RECEIVERS ID	M	2	15	AN	P&G ID
	GS04	INTRCHNG DATE	M	8	8	DT	CCYYMMDD
	GS05	INTRCHNG TIME	M	4	8	TM	HHMMSS
	GS06	GROUP CNTL NUM	M	1	9	NO	Group Control Number
	GS07	RESP AGENCY CODE	M	1	2	ID	X = Accredited Standards Committee X12
	GS08	GROUP VERSION	M	1	12	AN	004010

GS*PO*12345ABCDE*9251590000*20020218*1227*000000001*X*004010

ST	ST01	Transaction Set ID	M	3	3	ID	850 = Purchase Order
	ST02	Transaction Set Ctrl #	M	4	9	AN	Transaction Set Control Number

ST*850*0001

*REQUIRED segment

BEG	BEG01	Transaction Set Purpose Code	M	2	2	ID	00 = Original 06 = Confirmation
	BEG02	Purchase Order Type Code	M	2	2	ID	SA = Stand Alone Order PR = Promotion Order NE = New Order
	BEG03	Purchase Order Number	M	1	22	AN	Customer Defined
	BEG04	Release Number	O	1	30	AN	Customer Defined
	BEG05	Composite Date	M	8	8	DT	CCYYMMDD

BEG*00*SA*673828494**20020218

Procter & Gamble

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			Req	Min	Max	Atrb	

**Used when shipping multiple purchase orders on the same truck*

REF	REF01	Reference ID Qualifier	M	2	3	ID	AN = Associated Purchase Order BD = Bid Number TE = Federal Maritime Commission (FMC) Tariff Number DP = Department Number IA = Internal Vendor Number
	REF02	Reference Identification	C	1	50	AN	Associated PO# Contact Name, Phone Number
	REF03	Description	C	1	80	AN	Free Form Field

REF*DP*00026
REF*IA*409003261

**OPTIONAL segment*

PER	PER01	Contact Function Code	M	2	2	ID	AA = Authorized Representative BD = Buyer Name or Department DC = Delivery Contact OC = Order Contact IC = Information Contact SU = Supplier Contact
	PER02	Name	O	1	60	AN	Free Form Field
	PER03	Communication Number Qualifier	C	2	2	ID	TE = Telephone Number
	PER04	Communication Number	C	1	256	AN	Contact Phone Number

PER*BD*MONICA COX*TE*3092785639

Total Order Level

**OPTIONAL segment*

SAC	SAC01	Allowance or Charge Indicator	M	1	1	ID	A = Allowance C = Charge
	SAC02	Service, Promotion, Allowance, or Charge Code	C	4	4	ID	A400 = Allowance Non-performance A170 = Adjustments F340 = Pick/Up H850 = Tax I410 = Unsaleable Merchandise Allowance D240 = Freight
	SAC08	Rate	O	1	9	R	Rate Per Case
	SAC12	Allowance or Charge Method of Handling Code	O	2	2	ID	02 = Off Invoice 06 = Charge to be Paid by Customer
	SAC13	Reference Identification	C	1	50	AN	P&G code
	SAC15	Description	C	1	80	AN	Free Form Field

SAC*C*D240***11****06**

**REQUIRED data elements DTM01 and DTM02*



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EDI	Element	Name	STANDARDS				P&G Required / Accepted
			Req	Min	Max	Attrb	
DTM	DTM01	Date/Time Qualifier	M	3	3	ID	001 = Cancel After 002 = Delivery Requested 010 = Requested Ship 037 = Ship Not Before 038 = Ship No Later 063 = Do Not Deliver After 064 = Do Not Deliver Before 067 = Current Schedule Delivery 068 = Current Schedule Ship 077 = Requested Delivery (Week of)
	DTM02	Date	C	8	8	DT	CCYYMMDD
	DTM03	Time	C	4	8	TM	HHMMSS

DTM*002*20020228*2130

TD1	TD102	Lading Quantity	C	1	7		
	TD108	Unit/Basis Measurement Code	C	2	2		

**REQUIRED data element*

TD5	TD504	Transport Type Code	C	1	2	ID	M = Motor carrier H = CPU R = Rail E = Expedited Truck
	TD505	Routing	C	1	35		free form field

TD5**M**

**OPTIONAL segment*

N9	N901	Reference ID Qualifier	M	2	3	ID	AH = Agreement Number L1 = Letters and Notes
	N902	Reference ID	C	1	50	AN	Transaction Set Number
	N903	Free-form Description	C	1	45	AN	Description

N9*L1*SPECIAL INSTRUCTIONS

**OPTIONAL segment*

MTX	MTX02	Free-Form Message Text	M	1	4096	AN	Free Form Field
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MTXCALL BUYER IF ANY ISSUES**

**REQUIRED data elements N101, N103, and N104*

N1	N101	Entity Identifier Code	M	2	3	ID	ST = Ship To BS = Bill and Ship to BY = Buying Party
	N102	Name	C	1	60	AN	Name Description
	N103	ID Code Qualifier	C	1	2	ID	9 = DUNS+4 10 = DODAAC 11 = DEA Number 21 = HIN # 92 = Store Number UL = Globally Unique Physical Location Number
	N104	ID Code	C	2	80	AN	DUNS+4 DODAAC (Dept. of Defense Activity Address Code) DEA Number HIN (Health Industry Number) Store Number 13 Digit Globally Unique Physical Location Number

N1*BY*XYZ DC 234 - JIT*UL*0002743073193



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EDI	Element	Name	STANDARDS				P&G Required / Accepted
			Req	Min	Max	Attrb	

**OPTIONAL segment*

N2	N201	Name	M	1	60	AN	Free Form Field
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N2*SUB DC 36

**OPTIONAL segment*

N3	N301	Address Information	M	1	55	AN	Free Form Field
	N302	Address Information	O	1	55	AN	Free Form Field

N3*462 LONGHORN DRIVE

**OPTIONAL segment*

N4	N401	City Name	O	2	30	AN	Free Form Field
	N402	State or Province Code	O	2	2	ID	State Code
	N403	Postal Code	O	3	15	ID	Zip Code
	N404	Country Code	O	2	3	ID	Country

N4*ROCKWELL*TX*28573*US

**REQUIRED data elements PO102, PO103, PO106, and PO107*

PO1	PO101	Assigned ID	C	1	20	AN	Line Item Identification Number
	PO102	Quantity Ordered	C	1	15	R	Quantity Ordered for all stores for this UPC
	PO103	Unit/Basis Measurement Code	O	2	2	ID	CA = Cases EA = Eaches DZ = Dozens PL = Pallet/Unit Load
	PO104	Unit Price	C	1	17	R	Price Per Case/Dozen/Each/Pallet
	PO105	Basic Unit Price Code	O	2	2		
	PO106	Prod/Serv ID Qualifier	C	2	2	ID	UA (2-5-5) = Case UPC UI (1-5-5) = Item UPC UP (1-5-5-1) = Item UPC UK (1-2-5-5-1) = GTIN or Pharmaceutical Unit
	PO107	Product/Service ID	C	1	48	AN	UPC or GTIN (based on qualifier used in PO1_06)
	PO108	Prod/Serv ID Qualifier	C	2	2		
	PO109	Product/Service ID	C	1	48		
	PO110	Prod/Serv ID Qualifier	C	2	2		
	PO111	Product/Service ID	C	1	48		
	PO112	Prod/Serv ID Qualifier	C	2	2		
	PO113	Product/Service ID	C	1	48		

** P&G map was modified to accept the "UK" qualifier in the PO1_06, PO1_08, PO1_10, and PO1_12 data elements for GTIN*

PO1*001*66*CA*34.19UA*003700002618**



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EDI	Element	Name	STANDARDS				P&G Required / Accepted
			Req	Min	Max	Attrb	

**OPTIONAL segment*

PID	PID01	Item Description Type	M	1	1	ID	F = Free Form
	PID05	Description	C	1	80	AN	Description

PID*F**MR CLEAN LQ**

**REQUIRED U.S. ONLY if using UI or UP in PO1_06*

PO4	PO401	Pack	O	1	6	NO	# Scannable Units In Case (PO401/02/03 where 03 = EA)
	PO402	Size	C	1	8	R	Size of Supplier Units In Pack
	PO403	Unit/Basis Measurement Code	C	2	2	ID	EA
	PO414	Inner Pack	O	1	6	N	Number of eaches per inner container

PO4*3

Line Item Level

**OPTIONAL segment*

SAC	SAC01	Allowance or Charge Indicator	M	1	1	ID	A = Allowance C = Charge
	SAC02	Service, Promotion, Allowance, or Charge Code	C	4	4	ID	A400 = Allowance Non-performance A170 = Adjustments F340 = Pick/Up H850 = Tax I410 = Unsaleable Merchandise Allowance D240 = Freight
	SAC08	Rate	O	1	9	R	Rate Per Case
	SAC12	Allowance or Charge Method of Handling Code	O	2	2	ID	02 = Off Invoice 06 = Charge to be Paid by Customer
	SAC13	Reference Identification	C	1	50	AN	P&G code
	SAC15	Description	C	1	80	AN	Free Form Field

SAC*C*D240***11****06**

**REQUIRED Segment*

SDQ	SDQ01	Unit/Basis for Measure Code	M	2	2	ID	CA = Cases EA = Eaches DZ = Dozens PL = Pallet / Unit Load
	SDQ02	ID Code Qualifier	O	1	2	ID	9 = DUNS + 4 92 = Store Number UL = Globally Unique Physical Location Number
	SDQ03	ID Code	M	2	80	AN	DUNS + 4 Store Number Globally Unique Physical Location Number
	SDQ04	Quantity	M	1	15	R	Number of Cases/Eaches/Dozens/Pallets for Each Store

SDQ*CA*92*256*120

**REQUIRED data element*

CTT	CTT01	Number of Line Items	M	1	6	NO	Number of line items
	CTT02	Hash Total	M	1	10	R	Total Quantity

CTT*6*234

SE	SE01	Number of Segments	M	1	10	NO	Number of Segments
	SE02	Transaction Set Cntrl #	M	4	9	AN	Same # as ST

SE*20*0001

GE	GE01	No. of Included Transaction Sets	M	1	6	NO	Number of Included Transaction Sets
	GE02	Data Interchange Control No.	M	1	9	NO	Same # as GS

GE*1*000000001

IEA	IEA01	Number of Included Groups	M	1	5	NO	Number of Included Groups
	IEA02	Interchange Control Number	M	9	9	NO	Same # as ISA

IEA*1*000000001