

# Procter & Gamble

## 4010 - X12 - 810 Map

This map outlines the most P&G will transmit on an invoice. However, if the information is not available in the invoice system, the fields will not be transmitted.

EDI	Element	Name	STANDARDS			P&G
			Req	Min	Max	Required / Accepted
<b>ISA</b>	ISA01	AUTHORIZATION INFO QUALIFIER	M	2	2	00 = no authorization information present
	ISA02	AUTHORIZATION INFO	M	10	10	Normally blank field
	ISA03	SECURITY INFO QUALIFIER	M	2	2	00 = no security information present
	ISA04	SECURITY INFO	M	10	10	Normally blank field
	ISA05	SENDER ID QUALIFIER	M	2	2	01 = DUNS Number
	ISA06	SENDER ID	M	15	15	P&G Ship From DUNS Number
	ISA07	RECEIVERS ID QUALIFIER	M	2	2	01 = DUNS Number
	ISA08	RECEIVERS ID	M	15	15	Customer DUNS Number
	ISA09	INTERCHANGE DATE	M	6	6	YYMMDD
	ISA10	INTERCHANGE TIME	M	4	4	HHMM
	ISA11	INTERCHANGE STANDARD ID	M	1	1	U = U.S. EDI Community of ASC X12, TDCC and UCS
	ISA12	INTERCHANGE VERSION ID	M	5	5	00401
	ISA13	INTERCHANGE CONTROL NUMBER	M	9	9	interchange control number
	ISA14	INTRCHG ACKNOW REQUEST	M	1	1	0 = no acknowledgement requested
	ISA15	TEST INDICATOR	M	1	1	P = production data
	ISA16	SUBELEMENT SEPARATOR	M	1	1	> component element separator
<b>GS</b>	GS01	FUNCTIONAL ID CODE	M	2	2	IN = Invoice
	GS02	SENDER ID	M	2	15	P&G ID
	GS03	RECEIVER ID	M	2	15	Customer ID
	GS04	INTERCHANGE DATE	M	8	8	CCYYMMDD
	GS05	INTERCHANGE TIME	M	4	8	HHMMSS
	GS06	GROUP CONTROL NUMBER	M	1	9	group control number
	GS07	RESP AGENCY CODE	M	1	2	X = Accredited Standards Committee X12
	GS08	GROUP VERSION	M	1	12	004010
<b>ST</b>	ST01	Transaction Set ID	M	3	3	810 = Invoice
	ST02	Transaction Set Ctrl #	M	4	9	unique #
<b>BIG</b>	BIG01	Invoice Date	M	8	8	CCYYMMDD
	BIG02	Invoice Number	M	1	22	P&G Invoice Number
	BIG03	Purchase Order Date	O	8	8	CCYYMMDD
	BIG04	Purchase Order Number	O	1	22	Customer's PO Number
<b>NTE</b>	NTE01	Note Reference Code	O	3	3	INV = Invoice
	NTE02	Free Form Message	M	1	80	free form message
<b>REF</b>	REF01	Reference Number Quallfier	M	2	3	AP = Accounts Receivable Number IA = Internal Vendor Number ST = Store Number VR = Vendor ID Number DP = Dept Number (if sent in on PO)
	REF02	Reference Number	C	1	30	Accounts Receivable Number
<b>N1</b>	N101	Entity Identfier Code	M	2	3	BT = Bill To ( <i>Optional</i> ) BY = Ship For ST = Ship To BS = Bill To and Ship To RE/RI = Remit To ( <i>Optional</i> )
	N102	Name	C	1	60	Customer Name
	N103	ID Code Quallfier	C	1	2	9 = DUNS Number + Suffix
	N104	ID Code	C	2	80	DUNS Number + Suffix

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

<b>N2</b>	N201	Additional Address Information	M	1	60	Additional Address Information
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*Optional Segment\*\**

<b>N3</b>	N301	Address	M	1	55	Address
	N302	Address	O	1	55	Address

*Optional Segment\*\**

<b>N4</b>	N401	City	O	2	30	City
	N402	State	O	2	2	State
	N403	Zip	O	3	15	Zip

<b>ITD</b>	ITD01	Terms Type Code	O	2	2	01 = Basic 03 = Fixed Date
	ITD02	Terms Basis Date Code	O	1	2	3 = Invoice Date
	ITD03	Terms Discount Percent	O	1	6	P&G Terms Discount Percent
	ITD04	Terms Discount Due Date	C	8	8	CCYYMMDD ( <i>Optional</i> )
	ITD05	Terms Discount Days Due	C	1	3	Number of Days Terms Discount Days Due
	ITD06	Terms Net Due Date	O	8	8	CCYYMMDD (Net Due Date)
	ITD07	Terms Net Days	O	1	3	Number of Days Terms Net Days
	ITD08	Terms Discount Amount	O	1	10	Terms Discount Amount
	ITD12	Terms Description	O	1	80	free form description of P&G Terms

<b>DTM</b>	DTM01	Date Qualifier	M	3	3	011 = Shipped
	DTM02	Date	C	8	8	CCYYMMDD (Ship Date)

<b>FOB</b>	FOB01	Shipment Method of Pay	M	2	2	PP = Prepaid PB = Customer Pickup
	FOB02	Location Qualifier	C	1	2	OR = Origin
	FOB03	Description	O	1	80	free form description

*\*Line Item Detail*

<b>IT1</b>	IT102	Quantity Invoiced	C	1	10	quantity invoiced
	IT103	Unit of Measure Code	C	2	2	CA = cases EA = eaches DZ = dozens
	IT104	Unit Price	C	1	17	price
	IT105	Basis of Unit Price Code	C	1	2	WE = Wholesale Price Per Each (Chemical Business only)
	IT106	Product/Service ID Qualifier	C	2	2	UI = Item UPC (1-5-5) UP = Item UPC (1-5-5-1) UA = Case (2-5-5) UK = GTIN (1-2-5-5-1)
	IT107	Product/Service ID	C	1	48	case UPC code or GTIN
	IT108	Product/Service ID Qualifier	C	2	2	BC = brand code
	IT109	Product/Service ID	C	1	48	P&G brand code
	IT110	Product/Service ID Qualifier	C	2	2	UI = Item UPC (1-5-5) UP = Item UPC (1-5-5-1) UA = Case (2-5-5) UK = GTIN (1-2-5-5-1)
	IT111	Product/Service ID	C	1	48	item UPC code or GTIN
	IT112	Product/Service ID Qualifier	O	1	2	(Only populated if sent in on PO) IN -Buyers Item Number CB- Buyers catalog number SK- Stock Keeping Unit IT- Buyers Style Number BP- Buyers Part Number PI- Purchaser's Item Number

EDI	Element	Name	STANDARDS			P&G Required / Accepted
			Req	Min	Max	
	IT113	Product/Service ID	C	1	48	(Only populated if sent in on PO) Customers Item code

<b>PID</b>	PID01	Item Description Type	M	1	1	F = Free Form
	PID05	Product Description	C	1	80	free form description

<b>PO4</b>	PO401	Pack	O	1	6	pack count (provided when IT1_10 = UI or UP, item UPC)
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<i>Optional Segment**</i>						
<b>SAC</b>	SAC01	Allowance/Charge Indicator	M	1	1	A = Allowance C = Charge
	SAC02	Special Service Code	C	4	4	A400 = Allowance Non-performance A170 = Adjustments D500 = Handling F280 = Performance Allowance F340 = Pick/Up H850 = Tax I410 = Unsaleable Merchandise Allowance
	SAC05	Allowance/Charge Total Amount	O	1	15	total amount of allowance/charge
	SAC12	Method Of Handling	O	2	2	02 = Off Invoice 06 = Charge to be Paid by Customer
	SAC13	Allowance/Charge Number	C	1	30	P&G code
	SAC15	Description	C	1	80	free form description

**\*Summary Detail**

*Optional Segment\*\**

<b>TDS</b>	TDS01	Total Invoice Amount	M	1	15	total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
	TDS02	Amount Subject to Terms Discount	O	1	15	amount upon which the terms discount amount is calculated
	TDS03	Discounted Amount Due	O	1	15	amount of invoice due if paid by terms discount date
	TDS04	Terms Discount Amount	O	1	15	total amount of terms discount

<b>CAD</b>	CAD01	Transport Method Code	O	1	2	M = Motor H = CPU
	CAD02	Equipment Initial	O	1	4	prefix or alphabetic part of an equipment unit's identifying number
	CAD03	Equipment Number	O	1	10	numerical part of an equipment unit's identifying number <i>(Optional)</i>
	CAD04	SCAC	C	2	4	
	CAD04	SCAC	C	2	4	SCAC for "For Hire" or blank for CPU
	CAD05	Routing	C	1	35	free-form description of the routing or requested routing for shipment, or the originating carrier's identity
	CAD06	Ship/Order Status Code	O	2	2	BP = Partial shipment (backorder) CP = Partial shipment (no backorder) CC = Complete shipment
	CAD07	Reference Number Quallfier	O	2	3	BM = Bill of Lading Number
	CAD08	Reference Number	C	1	30	P&G Bill of Lading Number

<b>SAC</b>	SAC01	Allowance/Charge Indicator	M	1	1	A = Allowance C = Charge
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	SAC05	Allowance/Charge Total Amount	O	1	15	total amount of allowance/charge
	SAC12	Method Of Handling	O	2	2	02 = Off Invoice 06 = Charge to be Paid by Customer
	SAC13	Allowance/Charge Number	C	1	30	P&G code
	SAC15	Description	C	1	80	free form description

*Optional Segment\*\**

<b>ISS</b>	ISS01	Number of Units Shipped	C	1	10	number of units shipped
	ISS02	Unit of Measure Code	C	2	2	CA = Cases
	ISS03	Weight	C	1	10	weight
	ISS04	Unit of Measure Code	C	2	2	PG = pounds gross
	ISS05	Volume	C	1	8	volume
	ISS06	Unit of Measure Code	C	2	2	CF = Cubic Feet

<b>CTT</b>	CTT01	Number of Line Items	M	1	6	number of line items
	CTT02	Sum of Quantities Invoiced	O	1	10	sum of quantities invoiced

<b>SE</b>	SE01	Number of Included Segments	M	1	10	number of segments
	SE02	TS Control #	M	4	9	same # as ST

<b>GE</b>	GE01	No. of Included Transaction Sets	M	1	6	number of included transaction sets
	GE02	Data Interchange Control No.	M	1	9	same # as GS

<b>IEA</b>	IEA01	Number of Included Groups	M	1	5	number of included groups
	IEA02	Interchange Control Number	M	9	9	same # as ISA

**\*\* Talk to your Procter & Gamble EDI Contact on how this segment can be optional**