

# 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>CUR</b>	CUR01	ENTITY ID CODE	M	2	3	BY= Buying Party (Purchaser)	
	CUR02	CURRENCY CODE	M	3	3	CAD = Canadian Dollar	
<b>REF</b>	REF01	REFERENCE NUMBER QUALIFIER	M	2	3	IA = Internal Vendor Number ( <i>assigned by the customer</i> ) GT = GST Registration Number TX = PST Registration Number IT = P&G Customer Number AP = P&G Accounts Receivable Number SL = P&G Sales Region = Dept Number (if sent in on PO)	
	REF02	REFERENCE NUMBER	C	1	30	Internal Vendor Number ( <i>assigned by the customer</i> ) GST Registration Number PST Registration Number P&G Customer Number Accounts Receivable Number P&G Sales Region	

EDI	Element	Name	STANDARDS			P&G
			Req	Min	Max	Required / Accepted
<b>N1</b>	N101	ENTITY IDENTIFICATION CODE	M	2	3	BT = Bill To BY = Ship For BS = Bill To/Ship To RI = Remit To (This is mandatory for Canadian EDI Standards) ST = Ship To
	N102	NAME	C	1	60	Customer Name
	N103	IDENTITY CODE QUALIFIER	C	1	2	9 = DUNS Number + Suffix
	N104	IDENTITY CODE	C	2	80	DUNS Number + Suffix
<b>N2</b>	N201	NAME	M	1	60	Additional Address Information
<b>N3</b>	N301	ADDRESS	M	1	55	Address
	N302	ADDRESS LINE 2	O	1	55	Address
<b>N4</b>	N401	CITY NAME	O	2	30	City
	N402	STATE OF PROVINCE CODE	O	2	2	State
	N403	POSTAL CODE	O	3	15	Zip
	N404	COUNTRY CODE	O	2	3	Country Code
<b>ITD</b>	ITD01	TERMS TYPE CODE	O	2	2	01 = Basic 05 = Discount Not Applicable
	ITD02	TERMS BASIS DATE CODE	O	1	2	2 = Delivery Date (for COD) 3 = Invoice Date 4 = Specified Date
	ITD03	TERMS DISCOUNT PERCENT	O	1	6	P&G Terms Discount Percent
	ITD04	DISCOUNT DUE DATE	C	8	8	CCYYMMDD (Discount Due Date)
	ITD05	DISCOUNT DUE DAYS	C	1	3	Number of Days Terms Discount Days Due
	ITD06	NET DUE DATE	O	8	8	CCYYMMDD (Net Due Date)
	ITD07	NET DUE DAYS	O	1	3	Number of Days Terms Net Days
	ITD08	TERMS DISCOUNT AMOUNT	O	1	10	Terms Discount Amount
	ITD12	TERMS DECSRIPTION	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 PAYMENT	M	2	2	PP = Prepaid
	FOB02	LOCATION QUALIFIER	C	1	2	OR = Origin PL = Plant
	FOB03	DESCRIPTION	O	1	80	free-form description
<b>*Line Item Detail</b>						
<b>IT1</b>	IT102	QUANTITY INVOICED	M	1	10	quantity invoiced
	IT103	UNIT OF MEASURE CODE	M	2	2	CA = cases
	IT104	UNIT LIST PRICE	M	1	17	price
	IT106	PRODUCT ID QUALIFIER	O	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 ID	C	1	48	case UPC code
	IT108	PRODUCT ID QUALIFIER	O	2	2	VN = Vendor's Item Number
	IT109	PRODUCT ID	C	1	48	P&G brand code
	IT110	PRODUCT ID QUALIFIER	O	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 ID	C	1	48	item UPC code

EDI	Element	Name	STANDARDS			P&G
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	ITI12	PRODUCT ID QUALIFIER	O	1	2	(Only populated if sent in on PO) PI- Purchaser's Item Number
	ITI13	PRODUCT ID	O	1	48	(Only populated if sent in on PO) Customers Item code
<b>TXI</b>	TXI01	TAX TYPE CODE	M	2	2	GS = Goods and Services Tax ST = State/Provincial Tax SE = State Excise Tax EV = Environmental Tax
	TXI02	MONETARY AMOUNT	C	1	15	monetary amount of the tax
	TXI03	PERCENT	C	1	10	tax percent expressed as a decimal
	TXI08	DOLLAR BASIS FOR PERCENT	O	1	9	dollar basis for percentage
<b>PID</b>	PID01	ITEM DESCRIPTION TYPE	M	1	1	F = Free form
	PID05	DESCRIPTION	C	1	80	free-form description
<b>SAC</b>	SAC01	ALLOWANCE/CHARGE INDICATOR	M	1	1	A = Allowance C = Charge
	SAC02	SERVICE/PROMO/ALLOW/CHRG CODE	C	4	4	C090 = Deposit Charges D350 = Goods and Services Credit Allowance D360 = Goods ans Services Tax Charge F800 = Promotional Allowance H625 = Tax, Beverage Tax H770 = Tax, State Tax
	SAC05	ALLOWANCE/CHARGE TOTAL	O	1	15	monetary amount
	SAC06	ALLOWANCE/CHARGE RATE QLFY	C	1	1	2 = Item Net Cost
	SAC10	ALLOWANCE/CHARGE QUANTITY	C	1	10	quantity
<b>SAC</b>	SAC11	ALLOWANCE/CHARGE QUANTITY2	C	1	10	quantity
	SAC12	ALLOWANCE/CHARGE HANDLING CODE	O	2	2	02 = Off Invoice 06 = Charge to be Paid by Customer
	SAC13	REFERENCE NUMBER	C	1	30	P&G code
	SAC15	ALLOWANCE/CHARGE DESCRIPTION	O	1	80	free-form description
<b>*Summary Detail</b>						
<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	DISCOUNT AMOUNT	O	1	15	amount upon which the terms disocunt amount is calculated
<b>TXI</b>	TXI01	TAX TYPE CODE	M	2	2	GS = Goods and Services Tax SP = State/Provincial Tax
	TXI02	MONETARY AMOUNT	C	1	15	monetary amount of the tax
	TXI03	PERCENT	C	1	10	tax percent expressed as a decimal
	TXI08	DOLLAR BASIS FOR TAX	O	1	9	dollar basis for percentage
			0	0	0	
<b>SAC</b>	SAC01	ALLOWANCE/CHARGE INDICATOR	M	1	1	A = Allowance C = Charge

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	SAC05	ALLOWANCE/CHARGE TOTAL	O	1	15	monetary amount
	SAC06	ALLOWANCE/CHARGE RATE QLFY	C	1	1	2 = Item Net Cost
	SAC10	ALLOWANCE/CHARGE QUANTITY	C	1	10	quantity
	SAC11	ALLOWANCE/CHARGE QUANTITY2	C	1	10	quantity
	SAC12	ALLOWANCE/CHARGE HANDLING CODE	O	2	2	02 = Off Invoice 06 = Charge to be Paid by Customer
	SAC13	REFERENCE NUMBER	C	1	30	P&G code
	SAC15	ALLOWANCE/CHARGE DESCRIPTION	O	1	80	free-form description
<b>ISS</b>	ISS01	NUMBER OF CASES SHIPPED	C	1	10	number of units shipped
	ISS02	UNIT OF MEASURE	C	2	2	CA = Cases
	ISS03	TOTAL WEIGHT	C	1	10	weight
	ISS04	UNIT OF MEASURE	C	2	2	PG = pounds gross
<b>CTT</b>	CTT01	NUMBER OF LINE ITEMS	M	1	6	number of line items
<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	NO. OF INCLUDED GROUPS	M	1	5	number of included groups
	IEA02	INTERCHANGE CONTROL NUMBER	M	9	9	same # as ISA