Introduction

This guideline provides a description and technical lay-out of the data segments recommended for use when creating EDI invoices (ASC X12 transaction set 810) for 3M. 3M can accept many valid ASC X12 data segments and elements; however, this guideline includes only those that are most commonly used.

The ASC X12 version presented in this guideline is 004010. If you cannot generate invoices in 004010, please consult your 3M EDI contact for information on other ASC X12 versions accepted by 3M.

Some general comments are:

1. Send only the data that is required to process the invoice. Do not send data segments or elements that have been labeled "not used".

2. Do not send text or note data. Such data is usually not machine processable and diminishes the advantage and efficiency of electronic data interchange while increasing network costs.

3. We will use your sender IDs referenced in ISA06 and GS02 elements to map to your internal identifiers. All remit to locations require the nine digit zip code in element N403 which will be used to further identify the correct remit to location.

4. Maintain the integrity of 3M purchase order numbers including leading zeros.

5. Maintain the integrity of the 3M purchase order line item number on all invoices.

6. If you are able to collect tax, please provide data in the TXI segment. If you are unable to provide the state or other taxing jurisdiction code in TXI05, we must rely on the code in N402 within the "ship to" loop to determine which taxing jurisdiction is involved. If you are unable to collect tax, 3M will self-assess.

7. All invoices with bill to address of PO Box 33121 should be transmitted via EDI.

8. All text must be in UPPER case.

Examples of paper invoices and their ASC X12 interpretation can be found at the back of this guideline.

Note: For illustration purposes only, all examples use an asterisk (*) as the data element separator and a caret (^) as the segment terminator. In actual practice, values must be chosen that do not conflict with the data.

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		
Not Used	040	CUR	Currency	O	1		
6	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
Not Used	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
7	070	N1	Name	O	1		
8	080	N2	Additional Name Information	O	2		
9	090	N3	Address Information	O	2		
10	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Identification	O	12		
Not Used	120	PER	Administrative Communications Contact	O	3		
Not Used	125	DMG	Demographic Information	O	1		
11	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
13	140	DTM	Date/Time Reference	O	10		
Not Used	150	FOB	F.O.B. Related Instructions	O	1		
Not Used	160	PID	Product/Item Description	O	200		
Not Used	170	MEA	Measurements	O	40		
Not Used	180	PWK	Paperwork	O	25		
Not Used	190	PKG	Marking, Packaging, Loading	O	25		
Not Used	200	L7	Tariff Reference	O	1		
Not Used	212	BAL	Balance Detail	O	>1		
Not Used	213	INC	Installment Information	O	1		
Not Used	214	PAM	Period Amount	O	>1		
			LOOP ID - LM			10	
Not Used	220	LM	Code Source Information	O	1		
Not Used	230	LQ	Industry Code	M	100		
			LOOP ID - N9			1	

Not Used	240	N9	Reference Identification	O	1		
Not Used	250	MSG	Message Text	M	10		
			LOOP ID - V1			>1	
Not Used	260	V1	Vessel Identification	O	1		
Not Used	270	R4	Port or Terminal	O	>1		
Not Used	280	DTM	Date/Time Reference	O	>1		
			LOOP ID - FA1			>1	
Not Used	290	FA1	Type of Financial Accounting Data	O	1		
Not Used	300	FA2	Accounting Data	M	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
14	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
Not Used	015	QTY	Quantity	O	5		n1
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
Not Used	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
16	060	PID	Product/Item Description	O	1		
Not Used	070	MEA	Measurements	O	10		
Not Used	080	PWK	Paperwork	O	25		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	PO4	Item Physical Details	O	1		
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	120	REF	Reference Identification	O	>1		
Not Used	125	YNQ	Yes/No Question	O	10		
Not Used	130	PER	Administrative Communications Contact	O	5		
Not Used	140	SDQ	Destination Quantity	O	500		
Not Used	150	DTM	Date/Time Reference	O	10		
Not Used	160	CAD	Carrier Detail	O	>1		
Not Used	170	L7	Tariff Reference	O	>1		
Not Used	175	SR	Requested Service Schedule	O	1		
			LOOP ID - SAC			25	
Not Used	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	190	TXI	Tax Information	O	10		
			LOOP ID - SLN			1000	
Not Used	200	SLN	Subline Item Detail	O	1		
Not Used	205	DTM	Date/Time Reference	O	1		
Not Used	210	REF	Reference Identification	O	>1		

				Req.	Max.Use	Loop	Notes and
Not Used	220	PID	Product/Item Description	O	1000		
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	235	TC2	Commodity	O	2		
Not Used	237	TXI	Tax Information	O	10		
			LOOP ID - N1			200	
Not Used	240	N1	Name	O	1		
Not Used	250	N2	Additional Name Information	O	2		
Not Used	260	N3	Address Information	O	2		
Not Used	270	N4	Geographic Location	O	1		
Not Used	280	REF	Reference Identification	O	12		
Not Used	290	PER	Administrative Communications Contact	O	3		
Not Used	295	DMG	Demographic Information	O	1		
			LOOP ID - LM			10	
Not Used	300	LM	Code Source Information	O	1		
Not Used	310	LQ	Industry Code	M	100		
			LOOP ID - V1			>1	
Not Used	320	V1	Vessel Identification	O	1		
Not Used	330	R4	Port or Terminal	O	>1		
Not Used	340	DTM	Date/Time Reference	O	>1		
			LOOP ID - FA1			>1	
Not Used	350	FA1	Type of Financial Accounting Data	O	1		
Not Used	360	FA2	Accounting Data	M	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
17	010	TDS	Total Monetary Value Summary	M	1		
18	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
Not Used	035	AMT	Monetary Amount	O	>1		
			LOOP ID - SAC			25	
20	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		
			LOOP ID - ISS			>1	
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
26	070	CTT	Transaction Totals	O	1		n2
27	080	SE	Transaction Set Trailer	M	1		

Segment:	**ST** Transaction Set Header
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	
Notes:	3M Example(s): ST*810*0081^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			810 Invoice	
Required	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Sender-assigned sequential control number to match control number on SE segment.	

Segment:	**BIG** Beginning Segment for Invoice
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	1 BIG01 is the invoice issue date.
	2 BIG03 is the date assigned by the purchaser to purchase order.
	3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.
Comments:	1 BIG07 is used only to further define the type of invoice when needed.
Notes:	3M Example(s):
	BIG*20001228*182113**N123456*003**PR^
	BIG*20000802*20497**AU21348***CR^

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Required BIG01	**373**	**Date**	**M DT 8/8**
		Date expressed as CCYYMMDD	
Required BIG02	**76**	**Invoice Number**	**M AN 1/22**
		Identifying number assigned by issuer	
		Do not send dashes, slashes, spaces, or periods.	
Required BIG04	**324**	**Purchase Order Number**	**O AN 1/22**
		Identifying number for Purchase Order assigned by the orderer/purchaser	
		Maintain the integrity of 3M purchase order number including leading zeros.	
BIG05	**328**	**Release Number**	**O AN 1/30**
		Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
		Required for releases to blanket purchase orders. 3M release number is always three characters.	
BIG07	**640**	**Transaction Type Code**	**O ID 2/2**
		Code specifying the type of transaction	
		CR Credit Memo	
		PR Product (or Service)	
		Invoice	

Segment:	**REF** Reference Identification
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	3M Comments: Do not send unless specifically requested by 3M.
	3M Example(s): REF*PK*PL1234^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			PK Packing List Number	
Required	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	**N1** Name	
Position:	070	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	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.
	2	N105 and N106 further define the type of entity in N101.
Notes:	3M Comments: Two N1 loops are required by 3M to identify remit to and ship to parties.	
	3M Example(s): N1*RE*ABC CO^ N1*ST*3M*92*0113^	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Required	N101	98	Entity Identifier Code		M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			RE	Party to receive commercial invoice remittance	
			ST	Ship To	
Required	N102	93	Name		X AN 1/60
			Free-form name		
	N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			92	Assigned by Buyer or Buyer's Agent	
				Used for ship to. If possible, return the 3M assigned ship to code sent in on the EDI Purchase Order (850).	
	N104	67	Identification Code		X AN 2/80
			Code identifying a party or other code		

	Segment:	**N2** Additional Name Information
	Position:	080
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify additional names or those longer than 35 characters in length
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	3M Example(s): N2*CHEMICAL DIV^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	N201	93	Name	M AN 1/60
			Free-form name	
	N202	93	Name	O AN 1/60
			Free-form name	

Segment:	# N3 Address Information
Position:	090
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	3M Comments: Required by 3M.

3M Example(s):
N3*PO BOX 5432^
N3*1927 CASE AVE*BLDG 427^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	N301	166	**Address Information**	**M AN 1/55**
			Address information	
	N302	166	**Address Information**	**O AN 1/55**
			Address information	

Segment:	**N4** Geographic Location
Position:	100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	3M Comments: Required by 3M.
	3M Example(s): N4*CHICAGO*IL*606015432^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	**N401**	**19**	**City Name**	**O AN 2/30**
			Free-form text for city name	
Required	**N402**	**156**	**State or Province Code**	**O ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency	
Required	**N403**	**116**	**Postal Code**	**O ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
			Zip code for U.S. remittance address must be 9 digits (do not include dash).	
	N404	**26**	**Country Code**	**O ID 2/3**
			Code identifying the country	
			Use only if address is outside the U.S.	

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes: 3M Comments: Required by 3M
If no discount applies, use: ITD01, ITD02, and ITD07.
If discount applies, use: ITD01, ITD02, ITD03, ITD05, and ITD07.

3M Example(s):
ITD*05*3*****30^
ITD*08*3*2**10**30^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Required	**ITD01**	**336**	**Terms Type Code**	**O**	**ID 2/2**
			Code identifying type of payment terms		
			02	End of Month (EOM)	
			05	Discount Not Applicable	
			08	Basic Discount Offered	
			09	Proximo	
			10	Instant	
			ZZ	Mutually Defined	
Required	**ITD02**	**333**	**Terms Basis Date Code**	**O**	**ID 1/2**
			Code identifying the beginning of the terms period		
			3	Invoice Date	
	ITD03	**338**	**Terms Discount Percent**	**O**	**R 1/6**
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
	ITD04	**370**	**Terms Discount Due Date**	**X**	**DT 8/8**
			Date payment is due if discount is to be earned expressed in format CCYYMMDD		
	ITD05	**351**	**Terms Discount Days Due**	**X**	**N0 1/3**
			Number of days in the terms discount period by which payment is due if		

terms discount is earned

| **ITD06** | **446** | **Terms Net Due Date** | **O** | **DT 8/8** |

Date when total invoice amount becomes due expressed in format CCYYMMDD

| **ITD07** | **386** | **Terms Net Days** | **O** | **N0 1/3** |

Number of days until total invoice amount is due (discount not applicable)

| **ITD08** | **362** | **Terms Discount Amount** | **O** | **N2 1/10** |

Total amount of terms discount

Segment:	**DTM** Date/Time Reference	
Position:	140	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.	
	2 If DTM04 is present, then DTM03 is required.	
	3 If either DTM05 or DTM06 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	3M Example(s): DTM*011*20001223^	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	DTM01	374	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
			011 Shipped	
			074 Requested for Delivery (Prior to and Including)	
Required	DTM02	373	**Date**	**X DT 8/8**
			Date expressed as CCYYMMDD	

Segment:	**IT1** Baseline Item Data (Invoice)		
Position:	010		
Loop:	IT1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions		

Syntax Notes:		
	1	If any of IT102 IT103 or IT104 is present, then all are required.
	2	If either IT106 or IT107 is present, then the other is required.
	3	If either IT108 or IT109 is present, then the other is required.
	4	If either IT110 or IT111 is present, then the other is required.
	5	If either IT112 or IT113 is present, then the other is required.
	6	If either IT114 or IT115 is present, then the other is required.
	7	If either IT116 or IT117 is present, then the other is required.
	8	If either IT118 or IT119 is present, then the other is required.
	9	If either IT120 or IT121 is present, then the other is required.
	10	If either IT122 or IT123 is present, then the other is required.
	11	If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	1	IT101 is the purchase order line item identification.
Comments:	1	Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
	2	IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	3M Comments:	Required by 3M.
	3M Example(s):	IT1*0101*2*EA*15.1364**BP*12-34-5678^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Required	**IT101**	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			Maintain the integrity of the 3M purchase order line item number on all invoices. Our four character line item number consists of our item number in the first two positions and our shipment number in the next two positions.		
Required	**IT102**	**358**	**Quantity Invoiced**	**X**	**R 1/10**
			Number of units invoiced (supplier units)		
Required	**IT103**	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Required	**IT104**	**212**	**Unit Price**	**X**	**R 1/17**
			Price per unit of product, service, commodity, etc.		

| IT105 | 639 | **Basis of Unit Price Code** | **O** | **ID 2/2** |

Code identifying the type of unit price for an item

Required only if pricing, as specified in IT103, is not based on 1 unit.

EXAMPLE:
IF: Quantity(IT102) = 10000
Unit of Measure(IT103) = FT(feet)
Price(IT104) = 25.00
Basis of Unit Price(IT105) = TP (Price per thousand feet)
THEN: Total value = 250.00

HP	Price per Hundred	
PD	Price per Dozen	
TP	Price per Thousand	

| IT106 | 235 | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

3M Part Number should be sent whenever possible.

BN	Bar-Coded Serial Number
BP	Buyer's Part Number
CR	Contract Number
EC	Engineering Change Level
MF	Manufacturer
MG	Manufacturer's Part Number
VC	Vendor's (Seller's) Catalog Number
VP	Vendor's (Seller's) Part Number

| IT107 | 234 | **Product/Service ID** | **X** | **AN 1/48** |

Identifying number for a product or service

| IT108 | 235 | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

See IT106 for code list.

| IT109 | 234 | **Product/Service ID** | **X** | **AN 1/48** |

Identifying number for a product or service

Segment:	**PID** Product/Item Description
Position:	060
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:	**1**	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID04 is required.
	5	If PID09 is present, then PID05 is required.
Semantic Notes:	**1**	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	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.
	4	PID09 is used to identify the language being used in PID05.
Comments:	**1**	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.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.
Notes:		3M Comments: Send only if 3M part number is not identified in IT107 or IT109.
		3M Example(s): PID*F****MISC MACHINE PARTS^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	PID01	349	**Item Description Type**	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
Required	PID05	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	**TDS** Total Monetary Value Summary	
Position:	010	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the total invoice discounts and amounts	
Syntax Notes:		
Semantic Notes:	1	TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
	2	TDS02 indicates the amount upon which the terms discount amount is calculated.
	3	TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
	4	TDS04 indicates the total amount of terms discount.
Comments:	1	TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.
Notes:	3M Example(s): TDS*3027^	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	**TDS01**	**610**	**Amount**	**M N2 1/15**
			Monetary amount	

	Segment:	**TXI** Tax Information
	Position:	020
	Loop:	
	Level:	Summary
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify tax information

Syntax Notes:
1. At least one of TXI02 TXI03 or TXI06 is required.
2. If either TXI04 or TXI05 is present, then the other is required.
3. If TXI08 is present, then TXI03 is required.

Semantic Notes:
1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes:
3M Example(s):
TXI*ST*6.0924*1.5*CD*AL^(Alabama State Tax)
TXI*CT*1.5231*.375*CD*MORGAN CTY^(Morgan County Tax)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Required	TXI01	963	**Tax Type Code**	M	ID 2/2

Code specifying the type of tax

CP	County/Parish Sales Tax	
CS	City Sales Tax	
CT	County Tax	
FT	Federal Excise Tax	
LS	State and Local Sales Tax	
LT	Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)	
MT	Metropolitan Transit Tax	
ST	State Sales Tax	
VA	Value Added Tax	

	Ref. Des.	Data Element	Name		Attributes
Required	TXI02	782	**Monetary Amount**	X	R 1/18

Monetary amount

	Ref. Des.	Data Element	Name		Attributes
	TXI03	954	**Percent**	X	R 1/10

Percentage expressed as a decimal

	Ref. Des.	Data Element	Name		Attributes
Required	TXI04	955	**Tax Jurisdiction Code Qualifier**	X	ID 2/2

Code identifying the source of the data used in tax jurisdiction code

CD	Customer defined

	Ref. Des.	Data Element	Name		Attributes
Required	TXI05	956	**Tax Jurisdiction Code**	X	AN 1/10

Code identifying the taxing jurisdiction

Should contain the two character state abbreviation.

Segment:	SAC Service, Promotion, Allowance, or Charge Information
Position:	040
Loop:	SAC Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: 3M Comments: 3M requires a code in SAC02. 3M prefers to have tax charges billed in the summary TXI segment.

3M Example(s):
SAC*C*D240***1240*******06^
SAC*A*H000***2700*******04^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge

Required   **SAC02**   **1300**   **Service, Promotion, Allowance, or Charge Code**   **X** **ID 4/4**

Code identifying the service, promotion, allowance, or charge

A130	Additional Material
A170	Adjustments
A260	Advertising Allowance
A310	Air Express Charge
A320	Air Transportation Charge
A410	"Alterations"
A470	Art Work
A480	Assembly
A540	Beaming Charge
A730	Brokerage or Duty
A880	Cancellation Charge
B030	Certificate of Origin
B050	Certification
B310	Commission Amount
B320	Competitive Allowance
B560	Container Allowance
B570	Container Deposits
B750	Core Charge
B790	Crafting
B850	Customer Equipment Allowance
B860	Customs Broker Fee
B940	Cutting Charge
C010	Deficit Freight
C030	Delivery Surcharge
C040	Delivery
C080	Demurrage
C110	Deposit
C210	Determined Freight
C220	Development Charge
C310	Discount
C350	Distributor Discount/Allowance
C480	Drum Cost
C490	Drum Deposit
C530	Duty Charge
C550	Early Payment Allowance
C640	Energy charge

C660	Engineering Charge
C670	Engraving
C680	Environmental Protection Service
C870	Expediting Fee
C880	Expediting Premium
C930	Export Shipping Charge
C990	Fabrication Charge
D040	Finance Charge
D180	Freight Based on Dollar Minimum
D190	Freight Charges to Border
D200	Freight Charges to Destination
D210	Freight Equalization
D220	Freight Passthrough
D230	Freight Surcharge
D240	Freight
D330	Gold Factor
D420	Grinding
D450	Grouped Items
	Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)
D500	Handling
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D580	Heat Treat Charge
D640	Holding Charge
D760	Income Freight (Manufacturing to Shipping Point)
D800	Inland Transportation
D820	Inside Delivery
D860	Inspection Fee
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
D920	Insurance Fee
D940	Insurance Premium
D980	Insurance
E065	Invoice Adjustment
E170	Labeling
E180	Labor (Repair and Return Orders)
E190	Labor Charges
E210	Labor Service

E220	Labor, Modify
E270	Late Order Charge
E280	Late Payment Charge
E290	Layout/Design
E360	License and Title
E480	Machining Charge
E510	Mailing - Postage Cost
E580	Memo Returnable Container
E610	Messenger Service
E620	Metals Surcharge
E640	Mileage Fee (For Repair and Return)
E650	Mileage or Travel
E660	Monthly Rental
E680	Mounting
E820	Non-returnable Containers
E890	Ocean Freight
E940	One Time Engineering Charge
E970	Onetime Tooling
F110	Overrun Charge
F150	Packaging Service
F180	Pallet
F190	Palletizing
F210	Parish/County Sales Tax (only)
F430	Plating
F460	Postage
F510	Precious Metal Content
F550	Premium Charge
F560	Premium Transportation
F770	Professional Fees
F800	Promotional Allowance
F810	Promotional Discount
F820	Proof & Composition
F910	Quantity Discount
F920	Quantity Surcharge
F970	Rebate
G200	Reel Deposit
G250	Refurbishing Charge
G330	Rental Charge
G360	Repack Charge
G370	Repair at Buyers Expense Charge
G400	Repair

G470	Restocking Charge
G510	Returnable Container
G530	Rework
G580	Royalties
G590	Salvage
G660	Scrap Allowance
G740	Service Charge
G760	Set-up
G770	Shearing
G830	Shipping and Handling
G870	Shrink-Wrap Charge
G970	Small Order Charge
H000	Special Allowance
H030	Special Credit
H060	Special Equipment Charge
H070	Special Finish Charge
H090	Special Handling
H110	Special Packaging
H170	Special Tooling Charge
H180	Special Tooling rework charge
H330	State Sales Charge
H370	Stenciling Charge
H450	Strapping
H520	Super Bag Charge
H550	Surcharge
H590	Tank Car Allowance
H600	Tank Rental
H660	Tax - Federal Excise Tax, FET
H740	Tax - Sales and Use
H770	Tax - State Tax
H790	Tax - Use Tax
H920	Temporary Allowance
H930	Temporary Voluntary Allowance
I000	Testing
I090	Tool Charge
I100	Tooling Rework Charge
I110	Tooling
I120	Tools for Printing
I170	Trade Discount
I180	Trade In
I250	Transportation Charge (Minimum Rate)

		I260	Transportation Direct Billing		
		I270	Transportation Third Party Billing		
		I280	Transportation Vendor Provided		
		I420	Up Charge		
		I490	Vehicle Prep Charge (Courtesy Delivery)		
		I500	Vendor Freight		
		I580	Warehousing		
		I590	Warranties		
		ZZZZ	Mutually Defined		
Required	**SAC05**	**610**	**Amount**	**O**	**N2 1/15**
			Monetary amount		
Required	**SAC12**	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID 2/2**
			Code indicating method of handling for an allowance or charge		
		04	Credit Customer Account		
		06	Charge to be Paid by Customer		
	SAC15	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment:	$\textbf{CTT}$ **Transaction Totals**
Position:	070
Loop:	
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes:	3M Example(s): CTT*1^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	**CTT01**	**354**	**Number of Line Items**	**M N0 1/6**
			Total number of line items in the transaction set	
			Total number of IT1 segments in transaction set.	

Segment:	**SE** Transaction Set Trailer			

Segment: SE **Transaction Set Trailer**

Position:	080
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.
Notes:	3M Example(s): SE*14*0081^

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Required	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Required	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			This must match the control number on the ST segment for this transaction set.	

Invoice Examples

This section contains three examples to illustrate the use of Transaction Set 810.
They are:

- A single-line item invoice using minimal ASC X12 segments required by 3M.
- A multi-line item invoice using most of the ASC X12 segments that 3M will accept.
- A credit memo.

Example 1

This is an example of a very basic invoice using minimal ASC X12 segments.

```
                    INVOICE            ABC COMPANY

          áííííííííííííííííííííííííííííííííííííííííííààáííííííííííííííííííííííííííííííííííà
PAGE   1 OF   1     ìPURCHASE ORDER..N123456          ìì INVOICE NO...... 182113  ì
                    àíííííííííííííííííííííííííííííííííííííàì TYPE............ ORIGINAL ì
DIRECT INQUIRIES TO:                                  ì DATE..........…12-28-2000 ì
CREDIT DEPARTMENT                                     ì                          ì
ABC COMPANY         RELEASE NO   003                  ì TERMS OF SALE            ì
KANSAS CITY, MO     ORDER DATE   12-21-2000           ì NET 30 DAYS              ì
00213-6297          SHIP DATE    12-23-2000           ì                          ì
                                                      ì                          ì
                                                      àíííííííííííííííííííííííííííà


     SHIP TO:        0113      CHARGE TO:        1627

          3M                        3M Company
          1927 Case Ave.            P.O. Box 33121
          Bldg 427                  St. Paul, MN 55133-3121
          St.Paul, MN 55119


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ì LINE ITEM #  QUANTITY UNIT    PART NO                    UNIT PRICE    TOTAL AMOUNTì
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   0101         2     Each   12-34-5678                    15.1364 EA      30.27



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ì DISCOUNT ALLOWED IF PAYMENT IS POSTMARKED BY N/A        ì    DISCOUNT PAYMENT    N/A ì
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              ì TOTAL PAYMENT DUE 1/27/00       ì   TOTAL PAYMENT      30.27ì
              àííííííííííííííííííííííííííííííííàííííííííííííííííííííííííííííííà


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ì REMITTANCE ADVICE                         DETACH AND RETURN WITH PAYMENT  ì
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1627                ì          REMIT TO          ì
3M COMPANY          ì ABC Company                ì        TERMS DISC    0.00
P.O. Box 33121      ì P.O. Box 5432              ì        FREIGHT       0.00
St. Paul, MN 55133-3121  ì Chicago, IL 60601-5432 ì       TAX           0.00
                    àíííííííííííííííííííííííííííííà        COUNTY TAX    0.00


   ☐  MARK FOR ADDRESS CHANGE
      NOTE CHANGES ON REVERSE SIDE OF ADVICE


                                             INVOICE AMOUNT

INVOICE NO.   DATED        TERMS OF SALE              TOTAL PAYMENT…    30.27
182113        12/28/00     NET 30 DAYS          áíííííííííííííííííííííííéíííííííííííííííà
                                                ì  AMOUNT REMITTED    ì               ì
                                                àíííííííííííííííííííííííéíííííííííííííííà
```

3M Supplier Invoice

ASC X12 FORMAT

ST*810*0081^

BIG*20001228*182113
 N123456*003PR^

N1*RE*ABC CO^

N3*PO BOX 5432^

N4*CHICAGO*IL*606015432^

N1*ST*3M*92*0113^

N3*1927 CASE AVE*BLDG 427^

N4*ST PAUL*MN*55119^

ITD*05*3*****30^

DTM*011*20001223^

IT1*0101*2*EA*15.1364**BP
 *12-34-5678^

TDS*3027^

CTT*1^

SE*14*0081^

INTERPRETATION

ASC X12 Transaction Set: 810
Transaction Set Control Number: 0081

Invoice Date: 12/28/2000
Invoice Number: 182113
P.O. Number: N123456
Release Number: 003
Transaction Type: PR=product or Service
(invoice)

Remit To: ABC Co.

P.O. Box 5432

Chicago, IL 60601-5432

Ship To: 3M
3M-Assigned Location Number: 0113

1927 Case Ave., Bldg.427

St. Paul, MN 55119

Terms Type: 05=discount not applicable
Terms Basis Date: 3=invoice date
Terms Net Days: 30

Shipped Date: 12/23/2000

Line Item Number: 0101
Quantity: 2 Each
Unit Price: $15.1364
Buyer's Part Number: 12-34-5678

Total Invoice Amount: $30.27

Number of Line Items: 1

Number of Segments: 14
Transaction Set Control Number: 0081

NOTE: Sample invoice contains fictitious data.

Example 2

This is an example of a multi-line item invoice using most of the ASC X12 segments that 3M will accept.

```
                              INVOICE            ABC COMPANY
          áíííííííííííííííííííííííííííííííííííââíííííííííííííííííííííííííííííâ
PAGE   1 OF   1       ìPURCHASE ORDER..0000034045       ìì INVOICE NO......  DE93722 ì
                      áíííííííííííííííííííííííííííííííííäì TYPE............ ORIGINAL ì
DIRECT INQUIRIES TO:                                   ì DATE..........…. 12-29-2000ì
CREDIT DEPT                                            ì                           ì
COMPLEX COMPANY           RELEASE NO                   ì TERMS OF SALE             ì
P.O. BOX 6932            ORDER DATE   12-26-2000        ì 2% 10, NET 30             ì
MINNEAPOLIS, MN          SHIP DATE    12-28-2000        ì                           ì
55144-6339                                             ì                           ì
                                                       àíííííííííííííííííííííííííííâ


  SHIP TO:       01D1J120    CHARGE TO:         1627

        3M                        3M Company
        Film Division             P.O. Box 33121
        State Dock Rd             St. Paul, MN 55133-3121
        Decatur, AL 35603
```

LINE ITEM #	QUANTITY	UNIT	PART NO./DESC	COMPLEX CO.P/N	UNIT PRICE	TOTAL AMOUNT
0101	1000	Each	22-10-012A	1234XQKFF	20.80/M	20.80
0201	1	Each	Tool Charge		72.14 EA	72.14
0301	4	Each	22-10-023B	6543L1PQ	60.63 EA	242.52
0402	2	Each	Misc Machine Parts	JKLM53	21.70 EA	43.40
0801	3	Each	22-23-057F		9.10 EA	27.30
1.5 AL state tax						6.09
.375 Morgan County tax						1.52
Delivery charge						12.40

```
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ì DISCOUNT ALLOWED IF PAYMENT IS POSTMARKED BY 1/8/2000   ì   DISCOUNT PAYMENT   418.05ì
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          ì TOTAL PAYMENT DUE 1/28/2000         ì   TOTAL PAYMENT      426.17ì
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ì REMITTANCE ADVICE                               DETACH AND RETURN WITH PAYMENT   ì
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1627          ì       REMIT TO            ì
3M COMPANY    ìComplex Company            ì           TERMS DISC     8.17
P.O. Box 33121  ìChemical Division        ì           FREIGHT       12.40
St. Paul, MN 55133-3121  ìP.O. Box 6339   ì           STATE TAX-AL   6.09
              ìMinneapolis, MN 55144-6339ì           COUNTY
              àíííííííííííííííííííííííííííííâ           TAX-MORGAN     1.52
                                                      CITY TAX       0.00

   ☐ MARK FOR ADDRESS CHANGE
     NOTE CHANGES ON REVERSE SIDE OF ADVICE


                                              INVOICE AMOUNT

INVOICE NO.    DATED          TERMS OF SALE            TOTAL PAYMENT… 426.17
0000034045     12/29/2000     2% 10, NET 30            áíííííííííííííííííííííííééíííííííííííííííâ
                                                       ì  AMOUNT REMITTED   ì           ì
                                                       àíííííííííííííííííííííééíííííííííííííííá
```

ASC X12 FORMAT	**INTERPRETATION**
ST*810*0407^	ASC X12 Transaction Set: 810 Transaction Set Control Number: 0407
BIG*20001229*DE93722 **0000034045***PR^	Invoice Date: 12/29/2000 Invoice Number: DE93722 P.O. Number: 0000034045 Transaction Type: PR=product or service (invoice)
N1*RE*COMPLEX CO^	Remit To: Complex Company
N2*CHEMICAL DIV^	Chemical Division
N3*P 0 BOX 6339^	P.O. Box 6339
N4*MPLS*MN*551446339^	Mpls., MN 55144-6339
N1*ST*3M*92*01D1J120^	Ship To: 3M 3M-Assigned Location Number: 01D1J120
N2*FILM DIV^	Film Division
N3*STATE DOCK RD^	State Dock Road
N4*DECATUR*AL*35603^	Decatur, AL 35603
ITD*08*3*2**10**30^	Terms Type: 08=basic discount offered Terms Basis Date: 3=invoice date Terms Discount Percent: 2% Terms Discount Days Due: 10 Terms Net Days: 30
DTM*011*20001228^	Shipped Date: 12/28/2000
IT1*0101*1000*EA*20.8*TP*BP *22-10-012A*VP*1234XQKFF^	Line Item Number: 0101 Quantity: 1,000 Each Unit Price: $20.80 Basis of Unit Price: TP=price per thousand Buyer's Part Number: 22-10-012A Seller's Part Number: 1234XQKFF
IT1*0201*1*EA*72.14^	Line Item Number: 0201 Quantity: 1 Each Unit price: $72.14
PID*F****TOOL CHARGE^	Description: Tool Charge

```
IT1*0301*4*EA*60.63**BP
 *22-10-023B*VP*6543L1PQ^
```
Line Item Number: 0301
Quantity: 4 Each
Unit Price: $60.63
Buyer's Part Number: 22-10-023B
Seller's Part Number: 6543L1PQ

```
IT1*0402*2*EA*21.7**VP*JKLM53^
```
Line Item Number: 0402
Quantity: 2 Each
Unit Price: $21.70
Seller's Part Number: JKLM53

```
PID*F****MISC MACHINE PARTS^
```
Free-Form Description:
Miscellaneous Machine Parts

```
IT1*0801*3*EA*9.1**BP*22-23-057F^
```
Line Item Number: 0801
Quantity: 3 Each
Unit Price: $9.10
Buyer's Part Number: 22-23-057F

```
TDS*42617^
```
Total Invoice Amount: $426.17

```
TXI*ST*6.0924*1.5*CD*AL^
```
Tax Type: ST=state sales tax
Monetary Amount: $6.0924
Percent: 1.5%
Tax Jurisdiction: Alabama

```
TXI*CT*1.5231*.375*CD
 *MORGAN CTY^
```
Tax Type: CT=county tax
Monetary Amount: $1.5231
Percent: .375%
Tax Jurisdiction: Morgan County

```
SAC*C*C040***1240*****06^
```
Allowance/Charge Indicator: C=charge
Service Charge Code: C040=delivery
Charge Total Amount: $12.40
Method of Handling: 06=charge to
be paid by customer

```
CTT*5^
```
Number of Line Items: 5

```
SE*25*0407^
```
Number of Segments: 25
Transaction Set Control Number: 0407

NOTE: Sample invoice contains fictitious data.

Example 3

This is an example of a credit memo.

```
                         CREDIT INVOICE          ABC COMPANY

                áíííííííííííííííííííííííííííííííííííííâáííííííííííííííííííííííííííííííâ
PAGE    1 OF    1       ìPURCHASE ORDER..AU21348     ìì INVOICE NO......  20497   ì
                       àíííííííííííííííííííííííííííííííííííííäì TYPE............ ORIGINAL ì
DIRECT INQUIRIES TO:                                 ì DATE...........… 08-02-2000ì
CREDIT DEPT              RELEASE NO                   ì                           ì
ABC COMPANY             ORDER DATE                    ì TERMS OF SALE             ì
KANSAS CITY, MO         SHIP DATE                     ì NET 1 DAY                 ì
00213-6297                                            ì                           ì
                                                     ì                           ì
                                                     àíííííííííííííííííííííííííííííâ


    SHIP TO:       0113       CHARGE TO:          1627

        3M                          3M Company
        1927 Case Ave.              P.O. Box 33121
        Bldg 427                    St. Paul, MN 55133-3121
        St. Paul, MN 55119


    LINE ITEM #    QUANTITY   UNIT    PART NO       UNIT PRICE    TOTAL AMOUNT
    0101              2       Each    11-1234-5678-0  325.00 EA     650.00 CR
    Freight charges                                                  27.00 CR


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ì DISCOUNT ALLOWED IF PAYMENT IS POSTMARKED BY  N/A        ì    DISCOUNT PAYMENT       N/Aì
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                ì TOTAL PAYMENT DUE 08-03-2000        ì    TOTAL PAYMENT    677.00 CRì
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ì REMITTANCE ADVICE                            DETACH AND RETURN WITH PAYMENT  ì
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1627                   ì        REMIT TO          ì
3M COMPANY             ìABC Company               ì        TERMS DISC    0.00
P.O. Box 33121         ìP.O. Box 5432             ì        FREIGHT      27.00 CR
St. Paul, MN 55133-3121 ìChicago, IL 60601-5432    ì        TAX           0.00
                       àíííííííííííííííííííííííííííííâ        COUNTY TAX    0.00

    ☐  MARK FOR ADDRESS CHANGE
       NOTE CHANGES ON REVERSE SIDE OF ADVICE


                                                    INVOICE AMOUNT

INVOICE NO.    DATED         TERMS OF SALE              TOTAL PAYMENT… 677.00 CR
20497          08/02/2000    NET 1 DAY            áííííííííííííííííííííííííéííííííííííííííííâ
                                                 ì  AMOUNT REMITTED    ì               ì
                                                 àííííííííííííííííííííííííéííííííííííííííííâ
```

ASC X12 FORMAT	INTERPRETATION
ST*810*1725^	ASC X12 Transaction Set: 810 Transaction Set Control Number: 1725
BIG*20000802*20497**AU21348 ***CR^	Invoice Date: 8/2/2000 Invoice Number: 20497 P.O. Number: AU21348 Transaction Type: CR=credit memo
N1*RE*ABC CO^	Remit To: ABC Co
N3*PO BOX 5432^	P.O. Box 5432
N4*CHICAGO*IL*606015432^	Chicago, IL 60601-5432
N1*ST*3M*92*0113^	Ship To: 3M 3M-Assigned Location Number: 0113
N3*1927 CASE AVE*BLDG 427^	1927 Case Ave., Bldg. 427
N4*ST PAUL*MN*55119^	St. Paul, MN 55119
ITD*05*3*****1^	Terms Type: 05=discount not applicable Terms Basis Date: 3=invoice date Terms Net Days: 1
IT1*0101*2*EA*325**BP *11-1234-5678-0^	Line Item Number: 0101 Quantity: 2 Each Unit Price: $325.00 CR Buyer's Part Number: 11-1234-5678-0
TDS*67700^	Total Invoice Amount: $677.00 CR
SAC*A*C040***2700*****04 **DELIVERY^	Allowance/Charge Indicator: A=allowance Service Charge Code: C040=delivery Charge Total Amount: $27.00 Method of Handling: 04=credit customer account
CTT*1^	Number of Line Items: 1
SE*14*1725^	Number of segments: 14 Transaction Set Control Number: 1725

NOTE: Sample credit memo contains fictitious data.