832 Price/Sales Catalog, CFRx Ordering System

ANSI X12-4010
Supplier Implementation Guide
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832 Price/Sales Catalog

Functional Group ID=SC

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) 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 furnishing or requesting the price of goods or services in the form of a catalog.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
	070	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			>1	
	150	N1	Name	O	1		
	170	N3	Address Information	O	2		
	180	N4	Geographic Location	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			>1	
	010	LIN	Item Identification	O	1		
	015	G53	Maintenance Type	O	1		n1
	040	REF	Reference Identification	O	>1		
Must Use	045	YNQ	Yes/No Question	O	10		
	070	PID	Product/Item Description	O	200		
	100	PO4	Item Physical Details	O	1		
	110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		
			LOOP ID - CTP			100	
	170	CTP	Pricing Information	O	1		
			LOOP ID - N1			>1	
	230	N1	Name	O	1		
	280	PER	Administrative Communications Contact	O	>1		
			LOOP ID - PKL			20	
	285	PKL	Multi-Pack Configuration	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	CTT	Transaction Totals	O	1		n2
M	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If BCT10 is used and G5301 is used, then the G5301 takes precedence.
2. Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			832 Price/Sales Catalog		
M	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		

Segment:		**BCT** Beginning Segment for Price/Sales Catalog	

Segment: **BCT** Beginning Segment for Price/Sales Catalog
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BCT01	683	**Catalog Purpose Code**	M ID 2/2
			Code indicating purpose of catalog	
			PC Price Catalog	
	BCT10	353	**Transaction Set Purpose Code**	O ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			04 Change	

Segment: **DTM** Date/Time Reference
Position: 070
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:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 Effective	
	DTM02	373	**Date**	X DT 8/8
			Date expressed as CCYYMMDD	
			Effective Date	

Segment:	**N1** Name	
Position:	150	
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:	VN	Vendor Number

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			VN Vendor Number		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
			CVS Store Name		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			11 Drug Enforcement Administration (DEA) Number		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			CVS Warehouse Number Equivalent to Vendor's Divisional Number		

Segment: **N3** **Address Information**

Position:	170
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N301	166	**Address Information**	M AN 1/55
			Address information	
			Vendor Division Address Information	

Segment: **N4** **Geographic Location**
Position: 180
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.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O** **AN 2/30**
		Free-form text for city name	
		Vendor Division City	
N402	**156**	**State or Province Code**	**O** **ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
		Vendor Division State	
N403	**116**	**Postal Code**	**O** **ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		Vendor Division Zip Code	

Segment: **LIN** Item Identification

Position:	010
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data

Syntax Notes:
1. If either LIN04 or LIN05 is present, then the other is required.
2. If either LIN06 or LIN07 is present, then the other is required.
3. If either LIN08 or LIN09 is present, then the other is required.
4. If either LIN10 or LIN11 is present, then the other is required.
5. If either LIN12 or LIN13 is present, then the other is required.
6. If either LIN14 or LIN15 is present, then the other is required.
7. If either LIN16 or LIN17 is present, then the other is required.
8. If either LIN18 or LIN19 is present, then the other is required.
9. If either LIN20 or LIN21 is present, then the other is required.
10. If either LIN22 or LIN23 is present, then the other is required.
11. If either LIN24 or LIN25 is present, then the other is required.
12. If either LIN26 or LIN27 is present, then the other is required.
13. If either LIN28 or LIN29 is present, then the other is required.
14. If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
1. LIN01 is the line item identification

Comments:
1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	LIN01	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
M	LIN02	235	**Product/Service ID Qualifier**	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			VC Vendor's (Seller's) Catalog Number		
M	LIN03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			Vendor's (Seller's) Item Number		
	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			ND National Drug Code in 5-4-2 Format (5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size)		
	LIN05	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
			NDC Number		
	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			UI U.P.C. Consumer Package Code (1-5-5)		
	LIN07	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		

		UPC Number		
LIN08	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

	UK	GS1 14-digit GTIN (1-2-5-5-1)	

LIN09	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

GS1 14 digit GTIN (1-2-5-5-1)

A GS1 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit

LIN10	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

	DP	Discontinued Part Number	

LIN11	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Element should be hard-coded to "DISCONTINUED"

Segment: **G53** Maintenance Type

Position: 015
Loop: LIN   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the specific type of item maintenance
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	G5301	875	**Maintenance Type Code**	M ID 3/3

Code identifying the specific type of item maintenance

001 - Change
002 - Delete
003 - Add Full Item Detail

Segment:	**REF** Reference Identification	
Position:	040	
Loop:	LIN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
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:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			ZZ Mutually Defined		
	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		
			DS Dropship		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Dropship		

Segment:	**YNQ** Yes/No Question
Position:	045
Loop:	LIN Optional
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	10
Purpose:	To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition
Syntax Notes:	1 Only one of YNQ01 YNQ09 or YNQ10 may be present.
	2 If either YNQ03 or YNQ04 is present, then the other is required.
	3 If YNQ09 is present, then YNQ08 is required.
Semantic Notes:	1 YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
	2 YNQ10 contains a free-form question when codified questions are not available.
Comments:	
Notes:	This YNQ segment is intended to convey DSCSA exemption status of a given product. All RX products must include a "N" or "Y" answer and associated elements.

"Y" should only be present when the manufacturer/repackager has determined the product is exempt under the statute or has obtained a waiver, exception, or exemption (WEE) from FDA.   Note that YNQ03 & YNQ04 should only be sent when an exemption has been granted to the manufacturer of the product. This will be specified by YNQ09 containing the code - WEE.

Segment Example:
YNQ**Y*RD8*20240101-20260101****CV*WEE~
YNQ**N******CV*NE~

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	YNQ02	1073	**Yes/No Condition or Response Code**	M ID 1/1

Code indicating a Yes or No condition or response

N -   No, Product is NOT EXEMPTED under the Drug Supply Chain Security Act

Y -   Yes, Product IS EXEMPTED from the Drug Supply Chain Security Act.   Refer to YNQ09 further defining the reason for the exemption.

All RX products must include a "N" or "Y" answer and associated elements.

	YNQ03	1250	**Date Time Period Format Qualifier**	X ID 2/3

Code indicating the date format, time format, or date and time format

RD8 - Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD

A range of dates expressed in the format "CCYYMMDD-CCYYMMDD" where the first occurrence of CCYYMMDD is the beginning date and the second occurrence is the ending date

Usage:
FDA typically reviews granted WEEs every two years.   If a WEE for the product is renewed, an updated 832 would need to be sent with a new date range specified.

	YNQ04	1251	**Date Time Period**	X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

If a WEE was granted, specify the current date range the WEE is in effect for. If a WEE is in effect, YNQ09 should contain code WEE.   Please do not

include spaces in the time period string, "CCYYMMDD-CCYYMMDD".

	YNQ05	933	**Free-Form Message Text**	**O**	**AN 1/264**

Free-form message text

As recommended in the FDA's final guidance on WEEs, the Sender may choose to provide a text message notifying its trading partner of the WEE and what DSCSA requirements it is excused from.

Must Use	**YNQ08**	**1270**	**Code List Qualifier Code**	**X**	**ID 1/3**

Code identifying a specific industry code list

CV   Coverage Code List

Must Use	**YNQ09**	**1271**	**Industry Code**	**X**	**AN 1/30**

Code indicating a code from a specific industry code list

WEE   A waiver, exception, or exemption has been granted by FDA for a product
SE   The product is exempt by statutory definition
NE   Not Exempt

Segment:	**PID** Product/Item Description		
Position:	070		
Loop:	LIN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	200		
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.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F Free-form Message		
	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3
			Code identifying the general class of a product or process characteristic		
			OT Over-the-Counter Drug		
			RX Prescription Drug		
	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			AS Assigned by Seller		
	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
			G Generic		
			B Brand		
	PID05	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Item description with form, strength, and size.		

Segment:	**PO4** Item Physical Details	
Position:	100	
Loop:	LIN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item	

Syntax Notes:
1. If either PO402 or PO403 is present, then the other is required.
2. If PO405 is present, then PO406 is required.
3. If either PO406 or PO407 is present, then the other is required.
4. If either PO408 or PO409 is present, then the other is required.
5. If PO410 is present, then PO413 is required.
6. If PO411 is present, then PO413 is required.
7. If PO412 is present, then PO413 is required.
8. If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
9. If PO417 is present, then PO416 is required.
10. If PO418 is present, then PO404 is required.

Semantic Notes:
1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:
1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
PO401	356	Pack		O	N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container			
		Pack Size			
PO402	357	Size		X	R 1/8
		Size of supplier units in pack			
		Unit Size			
PO403	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			
		EA Each			
PO418	1470	Number		O	N0 1/9
		A generic number			
		Accunet Size			

Segment:	**TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position:	110
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
TD401	152	**Special Handling Code**	X	**ID 2/3**
		Code specifying special transportation handling instructions		
		MRF Refrigerated		
TD404	352	**Description**	X	**AN 1/80**
		A free-form description to clarify the related data elements and their content		
		Refrigerated		

Segment: **CTP** Pricing Information

Position:	170
Loop:	CTP Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify pricing information

Syntax Notes:
1. If either CTP04 or CTP05 is present, then the other is required.
2. If CTP06 is present, then CTP07 is required.
3. If CTP09 is present, then CTP02 is required.
4. If CTP10 is present, then CTP02 is required.
5. If CTP11 is present, then CTP03 is required.

Semantic Notes:
1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:
1. See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
CTP02	236	**Price Identifier Code**	X	ID 3/3
		Code identifying pricing specification		
		INV Invoice Billing Price		
CTP03	212	**Unit Price**	X	R 1/17
		Price per unit of product, service, commodity, etc.		
		Invoice Price		

Segment: **N1** Name

Position:	230
Loop:	N1　　　Optional
Level:	Detail
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: This optional N1 loop at the detail level identifies the manufacturer of the product specified in each LIN loop.   If the 832 is prepared & sent by the manufacturer, this segment should appear in the header and can be omitted here since all product listed in the detail is from the manufacturer listed in the N1 header. Some users may require the GLN identifier while others may not.   For this reason, N103 and N104 are both optional.

Segment Examples:
N1*MF*ACME DRUG MANUFACTURING~
N1*MF*ACME DRUG MANUFACTURING*UL*1234567891234~

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			MF　　　Manufacturer of Goods		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
			Vendor Name		
	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			UL　　　UCC/EAN Location Code		
	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
			UCC/EAN Location Code		
			A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system.		

| | | |

Segment: **PER** Administrative Communications Contact
Position: 280
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
1. If either PER03 or PER04 is present, then the other is required.
2. If either PER05 or PER06 is present, then the other is required.
3. If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:
Notes: Per final guidance from FDA on DSCSA WEEs, this optional PER segment provides a phone number and e-mail of the manufacturer/repackager that the trading partner can contact concerning an approved WEE request.

Segment Example:
PER*IC*DSCSA SUPPORT*EM*DSCSA_SUPPORT@ACMEDRUG.NET\

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			IC Information Contact		
	PER02	93	Name	O	AN 1/60
			Free-form name		
			Contact Name, please limit to 30 characters.		
	PER03	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
			Telephone Number, please limit to 20 characters.		
	PER05	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			EM Electronic Mail		
	PER06	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
			Email Address, please limit to 40 characters.		

Segment: **PKL** Multi-Pack Configuration
Position: 285
Loop: PKL   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the package level, quantity of stock-keeping units (SKUs), and physical dimensions and weight of the package being defined
Syntax Notes:
1   If PKL05 is present, then PKL08 is required.
2   If PKL06 is present, then PKL08 is required.
3   If PKL07 is present, then PKL08 is required.
4   If PKL08 is present, then at least one of PKL05 PKL06 or PKL07 is required.
5   If either PKL09 or PKL10 is present, then the other is required.
6   If either PKL11 or PKL12 is present, then the other is required.
Semantic Notes:
1   PKL04 is the Stock Keeping Unit (SKU) quantity.
2   PKL13 is used to designate whether the product identified in PKL02 is saleable by the manufacturer at that packaging level.   Code "Y" indicates that the product is saleable by the manufacturer at that packaging level, and code "N" indicates that the product in not saleable by the manufacturer at that packaging level.
Comments:
Notes: This optional loop can be used when there is more than one GTIN associated to the item information being conveyed in the parent LIN Loop. Each PKL segment occurrence specifies a level of packaging with a GTIN above lowest selling unit for the package level NDC & GTIN specified in the LIN segment.

PKL*UK*12345678901234*PL*1

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PKL01	235	**Product/Service ID Qualifier**	M ID 2/2

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

UK

UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)

A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit

M	PKL02	234	**Product/Service ID**	M AN 1/48

Identifying number for a product or service

GTIN Number

M	PKL03	355	**Unit or Basis for Measurement Code**	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

EA   Eaches

BD   Bundle
CA   Case
CH   Container
PL   Pallet/Unit Load

M	PKL04	380	**Quantity**	M R 1/15

Numeric value of quantity

Quantity

Segment: **CTT** Transaction Totals
Position: 010
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.

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**
Position: 020
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	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		

CVSHealth CFRX Product Catalog (832), Example:

```
ISA*00*              *00*              *ZZ*SENDERID         *ZZ*CVSPRODCAT
*180929*0406*U*00401*200000109*0*P*>~
GS*SC*177667227R*SENDERID*20180929*0406*200000109*X*004010~
ST*832*0001~
BCT*PC*********00~
DTM*007*20180929~
N1*VN**11*9878~
N3*ONE POST SREET~
N4*SAN FRANCISCO*CA*94104~
LIN**VC*1100098***UI*38137003111~
G53*003~
YNQ**Y*RD8*20240101-20260101****CV*WEE~
PID*F*OT*AS*B*JOHNSONS SFT LOT 24HR 14OZ~
PO4*1*420*EA~
CTP**INV*3.60~
N1*MF*J J CONSUMER INC~
PER*IC*DSCSA SUPPORT*EM*DSCSA_SUPPORT@ACMEDRUG.NET~
LIN**VC*1100155*ND*63736012001*UI*36373612001*DP*DISCONTINUED~
G53*003~
YNQ**Y*RD8*20240101-20260101****CV*WEE~
PID*F*OT*AS*B*NIX LICE CONTROL SPR          5OZ~
PO4*1*147.86*EA~
CTP**INV*4.56~
N1*MF*MED TECH PRODUCTS*UL*1234567891234~
PER*IC*DSCSA SUPPORT*EM*DSCSA_SUPPORT@ACMEDRUG.NET~
LIN**VC*1100189*ND*12090000606*UI*31209000066~
G53*003~
YNQ**Y******CV*SE~
PID*F*OT*AS*B*CORONA OINT              SANT    7OZ~
PKL*UK*12345678901234*CA*36
CTT*14578~
SE*29*0001~
GE*1*200000109~
IEA*1*200000109~
```