Envelope Segments

Functional Group=

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
020	GS	Functional Group Header	M	1		
030	GE	Functional Group Trailer	M	1		

GS   Functional Group Header

Pos: 020	**Max: 1**
Mandatory	
Loop: N/A	**Elements: 8**

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GS01	**479**	**Functional Identifier Code**	**M**	**ID**	**2/2**

Description: Code identifying a group of application related transaction sets

Notes:: *Only the following codes will be accepted:*

Code	Name
AG	Application Advice (824)
FA	Functional Acknowledgment (997)
IN	Invoice Information (810,819)
PO	Purchase Order (850)
PR	Purchase Order Acknowledgement (855)
RA	Payment Order/Remittance Advice (820)
RC	Receiving Advice/Acceptance Certificate (861)
RS	Order Status Information (869, 870)
SC	Price/Sales Catalog (832)
SH	Ship Notice/Manifest (856)

Ref	Id	Element Name	Req	Type	Min/Max
GS02	**142**	**Application Sender's Code**	**M**	**AN**	**2/15**

Description: Code identifying party sending transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max
GS03	**124**	**Application Receiver's Code**	**M**	**AN**	**2/15**

Description: Code identifying party receiving transmission. Codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max
GS04	**373**	**Date**	**M**	**DT**	**8/8**

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max
GS05	**337**	**Time**	**M**	**TM**	**4/8**

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Ref	Id	Element Name	Req	Type	Min/Max
GS06	**28**	**Group Control Number**	**M**	**N0**	**1/9**

Description: Assigned number originated and maintained by the sender

Notes:: *Must be unique within a year between trading partners.*

Ref	Id	Element Name	Req	Type	Min/Max
GS07	**455**	**Responsible Agency Code**	**M**	**ID**	**1/2**

Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

Notes:: *Only the following code will be accepted:*

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max
GS08	**480**	**Version / Release / Industry Identifier Code**	**M**	**AN**	**1/12**

Ref	Id	Element Name	Req	Type	Min/Max

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

Notes:: *004030 RIFMAT Use for 810 (Material), 820, 824, 832 (Material), 850, 855, 856, 861, 870, 997.*

004030 RIFDFO Use for 810 (Diesel Fuel), and other material tied to a ticket match system.

Code	Name
0004030	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999

GE Functional Group Trailer

Pos: 030   Max: 1
Mandatory
Loop: N/A   Elements: 2

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GE01	**97**	**Number of Transaction Sets Included**	**M**	**N0**	**1/6**

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max
GE02	**28**	**Group Control Number**	**M**	**N0**	**1/9**

Description: Assigned number originated and maintained by the sender