

BARCODE SYMBOLOGY

ALL BARCODES ARE TO BE:

- 1) **AIAG STANDARD CODE 39** – 9.8 mils or higher is preferred.
- 2) **DATA IDENTIFIERS** – As noted below, these must be included as a prefix in the barcode and must appear within the human readable portion.
- 3) **QUIET ZONE** – Must be maintained at the beginning & ending of each barcode segment.
- 4) **CHECK DIGITS** – Do Not Use
- 5) **REFLECTIVITY AND CONTRAST** – Must meet reflectivity and contrast requirements specified in AIAG-B10, at all electromagnetic wave lengths from B633 to B900 nanometers.

MANDATORY SEGMENTS

All segments (human readable and barcode) are required unless stated differently in the examples below.

SUPPLIER NUMBER

Your number will be communicated to you by the destination plant's purchasing departments. Typically this will be your 9 digit Dun & Bradstreet number.

DATE

Format MM/DD/YYYY can be Manufacturing, Shipment, or Label print date.

PART NUMBER

This will be the FNG destination plant's assigned part number. This will be communicated to you on the Purchase Order.

UNIT OF MEASURE

When the Unit of Measure (UOM) is "piece", notation is not required. Otherwise, note the UOM in the human readable area only. When used, the UOM shall be directly to the right of the human readable quantity and shall be a minimum of 0.2 in high. The unit of measure shall not be bar coded.

PART DESCRIPTION

Non-Steel Label only - No Title necessary -
Description of Part not to exceed 30 chars.

FIELD TYPES

As noted below

SERIAL NUMBER

The serial number shall be a unique ascending sequential number assigned when the label is printed. The maximum length of the serial number shall be 12 digits. The serial number must not be repeated within two years.

HEAT TREAT NUMBER

Heat Treat Number or Master Coil Number –
Direction given by local destination plant's purchasing department.

















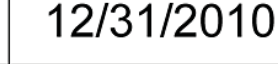

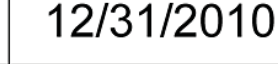

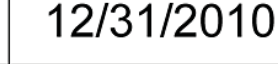



LABEL LOCATION

Unless otherwise directed by the destination plant's purchasing department, two labels must be affixed to each container - one, on the top right hand corner of the front of the container, and one on the top left corner on the adjacent right side. The entire label must be unobstructed so the barcode areas can be scanned.

LABEL PROTECTION

Label protection against moisture, weathering, abrasion, etc. may be required and is encouraged wherever practical. Clear plastic pouches are one example of possible protection methods. In choosing any protection method, care must be taken to assure that the labels will still meet reflectivity and contrast requirements as outlined above and can be scanned.

STEEL SHIPPING LABEL

— User Defined Area —													
DATA IDENTIFIER = (P) FNG's Part Number Alpha/Numeric	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">PART (P)</td> <td style="padding: 2px;">1234567890</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> </tr> </table>	PART (P)	1234567890										
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">BOL / PACK SLIP (2S)</td> <td style="padding: 2px;">12346578</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> </tr> </table>	BOL / PACK SLIP (2S)	12346578										
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DATA IDENTIFIER = (K) FNG's Purchase Order Number Numeric	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">PO# (K)</td> <td style="padding: 2px;">CUST PO</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> </tr> </table>	PO# (K)	CUST PO										
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">ACTUAL WGHT (2Q)</td> <td style="padding: 2px;">12345</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> </tr> </table>	ACTUAL WGHT (2Q)	12345										
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DATA IDENTIFIER = (1T) Heat Treatment ID or Master Coil Number, Alpha/Numeric	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">HEAT TREAT (1T)</td> <td style="padding: 2px;">ABC1234567</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> </tr> </table>	HEAT TREAT (1T)	ABC1234567										
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DATA IDENTIFIER = (S) Serial Number, not to repeat within two years, Alpha/Numeric	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">SERIAL (S)</td> <td style="padding: 2px;">100200300</td> <td style="width: 50%; padding: 2px;">DATE</td> <td style="padding: 2px;">12/31/2010</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> <td colspan="2" style="text-align: center;"></td> </tr> </table>	SERIAL (S)	100200300	DATE	12/31/2010								
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IDENTIFIER = (V) Your Supplier Number Issued by FNG Alpha/Numeric	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">SUPPLIER (V)</td> <td style="padding: 2px;">ABC100</td> <td style="width: 50%; padding: 2px;">SIZE</td> <td style="padding: 2px;">.0232</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> <td colspan="2" style="padding: 2px;">.0280</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="padding: 2px;">48.5000</td> </tr> </table>	SUPPLIER (V)	ABC100	SIZE	.0232			.0280				48.5000	
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— User Defined Area —													

NON-STEEL SHIPPING LABEL

6 inches									
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">PART DESCRIPTION</td> <td style="width: 30%; padding: 2px;">DATE</td> </tr> <tr> <td style="padding: 2px;">SUPPLIER (V) 123456789</td> <td style="padding: 2px;">11/15/2010</td> </tr> <tr> <td colspan="2" style="text-align: center;"></td> </tr> </table>	PART DESCRIPTION	DATE	SUPPLIER (V) 123456789	11/15/2010				
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BOL/PACKSLIP(2S)	12345678								
									
[User Defined]									
Ship From: Supplier Name, Address Line 1, Address Line 2, City, ST, Zip									