

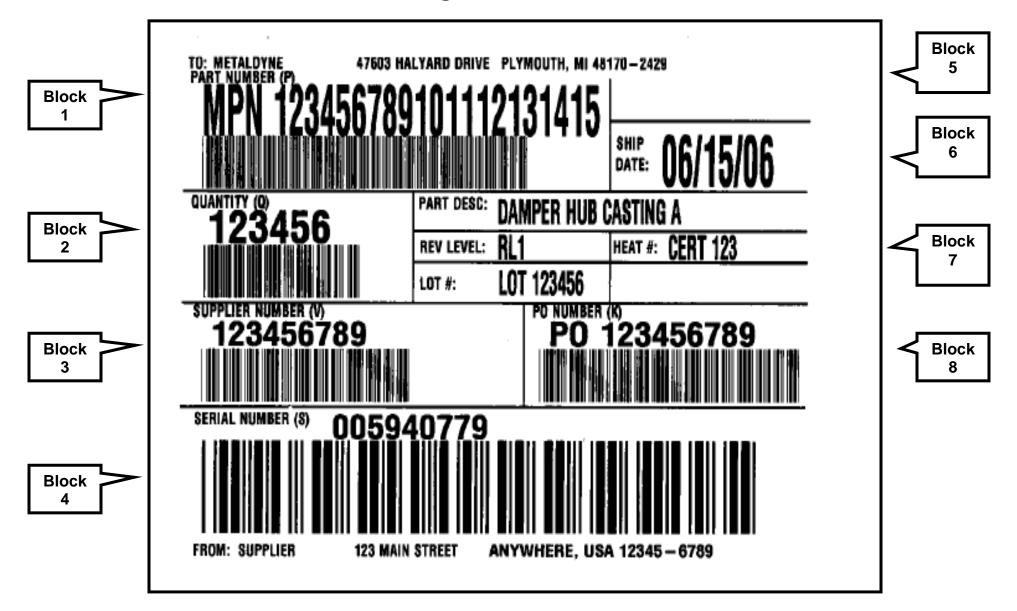
This document provides Metaldyne's guidelines on supply partner labels to be used for identifying material shipped to Metaldyne production facilities. The labels will be used to tie the contents of the shipment to an Advance Shipping Notice (ASN).

All production material shipments to Metaldyne facilities are to be accompanied by the following supply partner labels:

- ✓ Two Single Pack Labels are required on opposing sides of each container shipped.
- Master Pack Labels are required to summarize the contents of a pallet containing two or more containers of the same part. All container labels on the pallet will be linked to the corresponding Master Label.
- ✓ The labels are based on the AIAG B-10 format.
 - > The labels are 4 X 6-inches.
 - > The barcodes are 3-of-9 (Code 39) type.
 - Font Style is Sans Serif
 - Fonts are sized based on LPB (Lines Per Block)
 - 2 LPB = .40 Inches (11mm)
 - 3 LPB = .25 Inches (7 mm)
 - 4 LPB = .20 Inches (5 mm)
 - 5 LPB = .15 Inches (4 mm)
 - 6 LPB = .12 Inches (3 mm)
 - 7 LPB = .10 Inches (2 mm)
 - 8 LPB = .08 Inches (1.5 mm)
 - > Quiet Zone is .25 Inches
 - > All Block Titles are 8 LPB
- ✓ For shrink-wrap packed pallets, the Master Label must be affixed to the outside of the shrink-wrap.
- ✓ Make sure that label placement on the container(s) is facing forward and is easily scannable.



Barcode Label Specification Single Pack Label





Block 1:

Metaldyne Ship To Address

Block Title = TO: Text Height = 8 LPB Data = The address of the Metaldyne receiving location.

Metaldyne Part Number

Block Title = PART NUMBER (P) Data Identifier (DI) = P Text Height = 2 LPB Barcode = .4 Inches Data = Metaldyne's Part Number. Maximum Length = 25 characters + 1 character "P" DI Code

Block 2: QUANTITY:

Block Title = QUANTITY (Q) Data Identifier (DI) = Q Text Height = 3 LPB Barcode = .4 Inches Data = The quantity in this container Maximum Length = 6 characters + 1 character "Q" DI Code

Block 3: SUPPLIER NUMBER:

Block Title = SUPPLIER (V) Data Identifier (DI) = V Text Height = 3 LPB Barcode = .4 Inches Data = The Metaldyne assigned Supplier or Vendor Code. Maximum Length = 8 characters + 1 character "V" DI Code



Block 4:

Container Serial Number

Block Title = SERIAL NUMBER (S) Data Identifier (DI) = S Text Height = 3 LPB Barcode = .7 Inches Data = A unique serialized number for this container. Maximum Length = 10 characters + 1 character "S" DI Code

Supplier Ship From Address

Block Title = FROM: Text Height = 8 LPB Data = The address of the shipping location.

Block 5: EMPTY

Block 6: SHIP DATE:

Block Title = SHIP DATE: Text Height = 2 LPB Data = The date the shipment left your location. Format=MM/DD/YY



Block 7:

Metaldyne Part Number Description

Block Title = PART DESC: Text Height = 3 LPB Data = Description of the Metaldyne Part Number Maximum Length = 25 characters

Engineering Revision Level

Block Title = REV LEVEL: Text Height = 3 LPB Data = The Engineering Change Level of all parts in this container. Maximum Length = 10 characters.

Heat Certification Number

Block Title = HEAT #: Text Height = 3 LPB Maximum Length = 10 characters

Lot Number

Block Title = LOT #: Text Height = 3 LPB Data = Supplier assigned lot control number to that can be used to trace these parts to specific manufacturing/assembly process data Maximum Length = 10 characters.

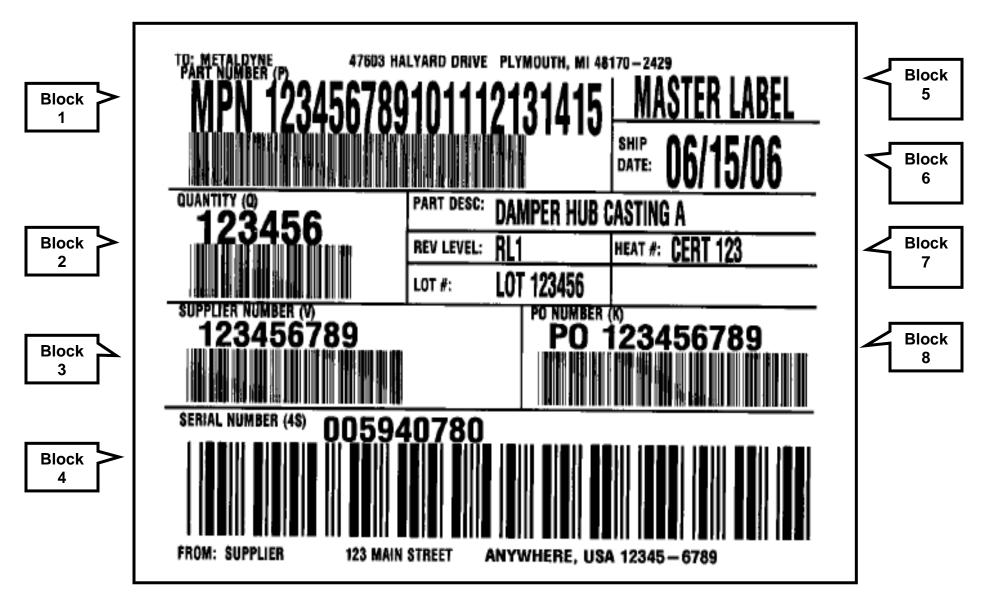
Block 8: PO NUMBER:

Block Title = PO NUMBER (K) Data Identifier (DI) = K Text Height = 3 LPB Barcode = .4 Inches Data = Metaldyne assigned Purchase Order Number



Maximum Length = 8 characters + 1 character "K" DI Code

Master Pack Label





Block 1:

Metaldyne Ship To Address

Block Title = TO: Text Height = 8 LPB Data = The address of the Metaldyne receiving location.

Metaldyne Part Number

Block Title = PART NUMBER (P) Data Identifier (DI) = P Text Height = 2 LPB Barcode = .4 Inches Data = Metaldyne's Part Number. Maximum Length = 25 characters + 1 character "P" DI Code

Block 2: QUANTITY:

Block Title = QUANTITY (Q) Data Identifier (DI) = Q Text Height =3 LPB Barcode = .4 Inches Data = The total quantity in all containers on this master container Maximum Length = 6 characters + 1 character "Q" DI Code

Block 3: SUPPLIER NUMBER:

Block Title = SUPPLIER (V) Data Identifier (DI) = V Text Height = 3 LPB Barcode = .4 Inches Data = The Metaldyne assigned Supplier or Vendor Code. Maximum Length = 8 characters + 1 character "V" DI Code



Block 4:

Container Serial Number

Block Title = SERIAL NUMBER (4S) Data Identifier (DI) = 4S Text Height = 3 LPB Barcode = .7 Inches Data = A unique serialized number for this container. Maximum Length = 10 characters + 2 character "4S" DI Code

Supplier Ship From Address

Block Title = FROM: Text Height = 8 LPB Data = The address of the shipping location.

Block 5: MASTER LABEL

Block Title = MASTER LABEL Text Height = 2 LPB

Block 6: SHIP DATE:

Block Title = SHIP DATE: Text Height = 2 LPB Data = The date the shipment left your location. Format=MM/DD/YY



Block 7:

Metaldyne Part Number Description

Block Title = PART DESC: Text Height = 3 LPB Data = Description of the Metaldyne Part Number Maximum Length = 25 characters

Engineering Revision Level

Block Title = REV LEVEL: Text Height = 3 LPB Data = The Engineering Change Level of all parts in this container. Maximum Length = 10 characters.

Heat Certification Number

Block Title = HEAT #: Text Height = 3 LPB Maximum Length = 10 characters

Lot Number

Block Title = LOT #: Text Height = 3 LPB Data = Supplier assigned lot control number to that can be used to trace these parts to specific manufacturing/assembly process data Maximum Length = 10 characters.

Block 8: PO NUMBER:

Block Title = PO NUMBER (K) Data Identifier (DI) = K Text Height = 3 LPB Barcode = .4 Inches Data = Metaldyne assigned Purchase Order Number Maximum Length = 8 characters + 1 character "K" DI Code