



Barcode Label Specification

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	TO: METALDYNE PART NUMBER (P)	47603 HALYARD DRIVE PLYMOUTH, MI 48170-2429	SHIP DATE: 06/15/06
Block 2	MPN 123456789101112131415		
	QUANTITY (Q) 123456	PART DESC: DAMPER HUB CASTING A	
		REV LEVEL: RL1	HEAT #: CERT 123
		LOT #: LOT 123456	
Block 3	SUPPLIER NUMBER (V) 123456789	PO NUMBER (K) PO 123456789	
Block 4	SERIAL NUMBER (S) 005940779		
	FROM: SUPPLIER	123 MAIN STREET	ANYWHERE, USA 12345-6789

Block 5

Block 6

Block 7

Block 8



Barcode Label Specification

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



Barcode Label Specification

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



Barcode Label Specification

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

Barcode Label Specification

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

Master Pack Label

TO: METALDYNE PART NUMBER (P)		47603 HALYARD DRIVE PLYMOUTH, MI 48170-2429	
MPN 123456789101112131415		MASTER LABEL	
		SHIP DATE: 06/15/06	
QUANTITY (Q)	PART DESC: DAMPER HUB CASTING A		
123456	REV LEVEL: RL1		
	HEAT #: CERT 123		
	LOT #: LOT 123456		
SUPPLIER NUMBER (V)		PO NUMBER (K)	
123456789		PO 123456789	
			
SERIAL NUMBER (4S) 005940780			
			
FROM: SUPPLIER 123 MAIN STREET ANYWHERE, USA 12345-6789			

Block 1

Block 2

Block 3

Block 4

Block 5

Block 6

Block 7

Block 8



Barcode Label Specification

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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



Barcode Label Specification

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



Barcode Label Specification

Block 7:

Metaldyne Part Number Description

Block Title = PART DESC:
Text Height = 3 LPB
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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