



FORD AND MOTORCRAFT POLYETHYLENE BAGS

MATERIAL: 100% linear low density polyethylene and super strength low density (S.S.L.) high clarity DuraClear™ 2000 monolayer resin material blend. Poly bags are not to contain BHT. Pre-formed bags are supplied in roll form, perforated between bags to allow removal from roll, and slit on one side of perforation for Automated Packaging Systems machinery air jet opening. BSB0002U, BSB0007U, BSB0002V and BSB0011V bags utilize a SPrint™ horizontal feed machine. The remaining bags use the vertical feed Autobag™ H100 or AB-180 equipment. Bags will have air evacuation hole 1/4" in diameter and will be in both front and back surfaces of indicated bags except BSB0005U and BSB0008U which will have holes at both bottom corners and center, minimum of 1/4" from each edge. Air evacuation hole cannot be located over pre-printed branding or verbiage (except for BSB0001U, BSB0002U, BSB0001V, BSB0002V) or over part nomenclature/bar code imprinting on poly bag.

CLOSURE: Bags are to be heat sealed closed.

- a/ BSB0001U and BSB0002U, BSB0001V and BSB0002V, BSB0006V and BSB0011V may be used when either is specified. (Motorcraft and Ford branded bags are not interchangeable).
- b/ BSB0006U, BSB0007U or BSB0004U may be used when any are specified.
- c/ BSB0007U may use an E10ASPS cardboard insert card. Material: .026 clay coated kraft back card. Size: 9-1/2" x 6-17/32". No printing.
- d/ Perforated air evacuation hole is located on poly bag in two areas.
- e/ Poly bag utilized by Lear Corporation.
- f/ See WBIS (Wiper Blade Instruction Sheet) Material Specification.
- g/ Ignition cable bag with instructions printed on backside.
- h/ May be ordered with or without air evacuation hole as necessary to contain parts small enough to fall through
- j/ SPrint™ bags BSB0002U/BSB0002V/BSB0011V/BSB0007U use intermittent SPrint™ perforation. Perforation ranges from 1-1/4" to 6" long along both sides of the bag where the SPrint™ trim ends and the body of the bag begins

TOLERANCE: ± 10% thickness, ± 1/8" width and ± 3/16" length.

APPROVED DISTRIBUTOR: Distributed by Doug Brown Packaging Products
1850 Larchwood
Troy, MI 48083
Sales Contact: Ron Currie (rcurrie@dbpackaging.com)
Customer Service Contact: Laura Melton (customerservice@dbpackaging.com)

REVISIONS:
9-14-18 (OV) Updated nomenclature on graphics on pages 5 - 6. Removed prior material numbers from table on page 2.
8-17-17 (OV) Added approved distributor on page 1. Added material number BSB00015V for ME3AL and BSB0017V for ME32A and on page 2.
5-12-17 (OV) Added material number BSB0016V for ME8AB on page 2.
1-17-17 (OV) Revised for Ford and Motorcraft poly bags and formatted SPrint™ bag graphics.
1-9-17 (OV) Added material numbers BSB0005V, BSB0008V, BSB0013V, BSB0014V.
12-15-16 (OV) Added prior material numbers on page 2.


FORD MOTOR COMPANY, PACKAGING ENGINEERING, FORD CUSTOMER SERVICE DIVISION, 28301 SCHOOLCRAFT ROAD, BUILDING 300 LIVONIA, MI 48150

Designed JS	Approved T.A. Kasper	Date 11-14-16	Revised 9-14-18
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FORD NEW BAG #	MOTORCRAFT NEW BAG #	THICKNESS (MILS)	OUTSIDE DIMENSION UNSEALED	INSIDE DIMENSION AFTER SEALING	AIR HOLE QUANTITY	TYPE OF AIR HOLE
BSB0001U <u>a/h/</u>	BSB0001V <u>a/h/</u>	2.0	4" x 7"	4" x 6"	1	Perfed
BSB0002U <u>a/j/</u>	BSB0002V <u>a/j/</u>	2.0	4-1/4" x 7-13/16"	4" x 6"	1	Perfed
BSB0003U	—	2.0	4" x 33-3/4"	4" x 33"	1	Hanger Hole
BSB0004U <u>b/</u>	—	2.0	5" x 11"	5" x 10"	1	Through
BSB0005U	BSB0005V	2.8	6-1/8" x 19"	6" x 18"	2	Through
BSB0006U <u>b/</u>	BSB0006V <u>a/h/</u>	2.0	7-1/2" x 9-1/4"	7-1/2" x 8-1/4"	2	Perfed <u>d/</u>
BSB0007U	—	2.0	7-3/4" x 11-13/16"	7-1/2" x 10"	1	Perfed <u>d/</u>
BSB0008U <u>b/c/j/</u>	BSB0008V	2.8	10-1/2" x 15"	10-1/2" x 14"	3	Through
BSB0009U	—	2.8	10-1/2" x 20"	10-1/2" x 19"	3	Through
BSB0010U	—	2.8	10-1/2" x 33-3/4"	10-1/2" x 32-3/4"	3	Through
—	BSB0011V <u>a/j/</u>	2.0	7-7/8" x 10-1/16"	7-1/2" x 8-1/4"	2	Perfed
—	BSB0012V <u>e/</u>	2.0	7-1/2" x 9-1/4"	7-1/2" x 8-1/4"	0	None <u>d/</u>
—	BSB0013V <u>f/</u>	2.0	4" x 24"	4" x 23-3/4"	1	Hanger Hole
—	BSB0014V <u>f/</u>	2.0	4" x 33-3/4"	4" x 33"	1	Perfed
—	BSB0015V	2.0	4" x 7"	4" x 6"	0	None
—	BSB0016V <u>g/</u>	2.0	7-1/2" x 9-1/4"	7-1/2" x 8-1/4"	2	Perfed
—	BSB0017V	2.0	5" x 18"	5" x 17-3/4"	1	Perfed

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APPROVED SINGLE SOURCE SUPPLIER:

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1850 Larchwood
Troy, MI 48083
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PRINTING:

Print Ford bag in Corporate Blue (PMS301C) and Black and Motorcraft bag in red (Pantone 485) and Black, on a white background that covers nearly the full front of the bag except for a clear border of .25" on sides and between .125" and 2" top and bottom border based on specific bag size as per FCSD approved artwork layout and color samples. See illustrations on page 4.

PART NOMENCLATURE AND BAR CODE:

The part nomenclature and bar code can be displayed either by direct imprinting on the bag or by labeling. That data is to be displayed in the white background on the front of each bag in black ink centered between the logo at the top and the legal phrases at the bottom of the bag. Refer to FCSD Package Material Specification "PRINT" requirements.

When using the imprint option on Ford branded bags two code 39 bar codes are required, one bar code above the unit of issue and one below the supplier code/date code line per the illustration on page 4. However, this requirement does not apply to the Ford branded Sprint bags, when using those bags only one code 39 is required per the illustration on page 4. Refer to Material Specification L1569 for bar code 39 sizing. Also, the requirement for two bar codes does not apply to Motorcraft branded bags. **See Important Thermal Transfer Imprint Quality Instructions on page 3.**

Note: When using the labeling option on Ford branded bags only one code 39 bar code is required and it is to be placed below the supplier code/date code line per the illustration on page 4. Refer to Material Specification L1569 for bar code 39 sizing and the required labels for each bag. Refer to the F-MFLSER Material Specification for the plain white labels to be used on these bags.

The Bag Manufacturer will not print the part nomenclature on bags unless specifically requested to do so by the purchaser. When part nomenclature printing is required the purchaser will indicate on the purchase order or release the exact printing required as shown under printing information on the individual FCSD Service Parts Packaging Specification. It is the responsibility of the purchaser to furnish correct nomenclature in the purchase order or release, and it is the responsibility of the bag manufacturer to correctly display the part nomenclature as furnished.

Note: Spark plug wires with Motorcraft prefix WR- and Ford base numbers -12286- and -12298- use the BSB0016V bag, which has special printing on the backside.


PACKAGE:

When packaging color coded parts, place part color to the bag rear clear area so that the customer can easily view the product color.

SECURITY:

Polybags require security features as specified by FCSD Packaging Engineering.

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TECHNICAL DATA DURACLEAR™ 2000

Description: A general purpose linear low density polyethylene blend with excellent clarity, enhanced toughness and superior strength.

Physical Property	2.0 mil	2.8 mil	ASTM Test Method
Haze %	14.2	18.2	D1003
Dart Drop (grams)	345	420	D1709
Tensile MD (psi)	5906	5913	D882
Tensile TD (psi)	5334	5413	D882
Elmendorf Tear MD (grams)	530	915	D1922-93
Elmendorf Tear TD (grams)	1091	1242	D1922-93
Elongation MD%	623	682	D882
Elongation TD%	716	743	D882

IMPORTANT THERMAL TRANSFER IMPRINT QUALITY

To insure thermal transfer quality imprint legibility and bar code scanability without rub off, adhere to the following guidelines.

- Basic ribbon printer setting for the Autobag™ Important Thermal Transfer Imprint Quality printer number PI-4000/203, Precision 200 and Sonic 200 imprinters:
 - Print darkness setting 100-130
 - Contrast base setting 100-130
 - Print speed setting 3-4 IPS
 - Air pressure 40-50 PSI
 - Minimum font size 7pt. (font without serifs)
- As print heads wear, more heat is required to deliver the required heat and contrast for the thermal transfer. Replace the print heads when settings beyond 120-130 range is reached.
- After bags have been imprinted, the printed area should not rub off or smudge. If this occurs, adjusting the print darkness and contrast should alleviate this condition.
- Thermal transfer ribbon content:
 - Minimum 25% resin content
 - Maximum 75% wax content
- Film thickness: 4.5 Microns
- Total ribbon thickness: 7.5 Microns
- Ink melting point: 62°C or 144°F
- Ribbon must be stored at a temperature of 20°F to 115°F with 20% to 85% relative humidity.
- Ribbon has a shelf life of 10 months.
- Exposing ribbon to direct sunlight or moisture will cause damage to the ribbon.
- Store bags in a clean area insure proper thermal transfer application.
- For questions regarding imprint quality, contact the authorized bag/equipment supplier or FCSD Packaging Engineering.

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FORD USING LABEL

WHEN USING A LABEL ON A POLYBAG REFER TO THE PRINT MATERIAL SPECIFICATION TO VIEW POLY BAGS LABEL USAGE AND NOMENCLATURE FORMATTING



FORD USING IMPRINT



FORD SPrint™ BAG USING IMPRINT



NOTE: IMAGES ARE REDUCED TO FIT PAGE.

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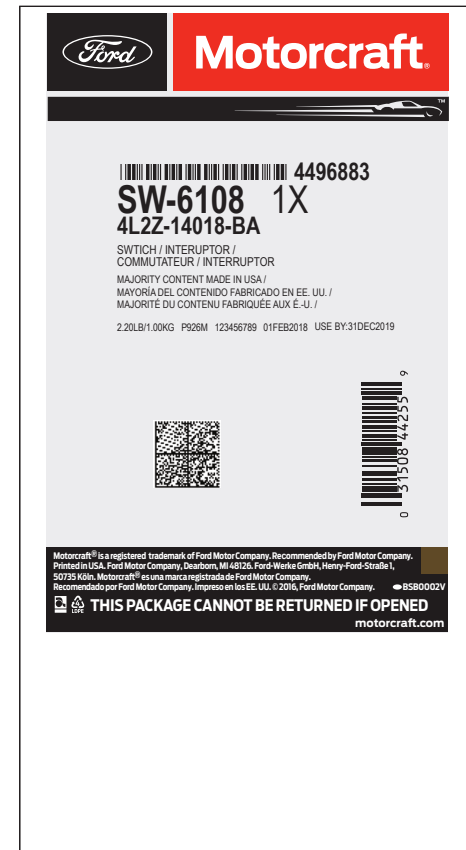


MOTORCRAFT USING LABEL

WHEN USING A LABEL ON A POLYBAG REFER TO THE PRINT (NEW) MATERIAL SPECIFICATION TO VIEW POLY BAGS LABEL USAGE AND NOMENCLATURE FORMATTING

MOTORCRAFT USING IMPRINT

MOTORCRAFT SPRINT BAG USING IMPRINT



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