



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)

Truck Weight Class Identification Stickers
(This item description supersedes PCID 1100: 3 March 2008)

PCID NO. 1100
Eff. 12 Nov 2010

This Pennsylvania Commercial Item Description covers requirements for truck weight class identification stickers used for identification purposes and placed upon vehicle windshields. The stickers shall be the pressure-sensitive type. The weight class identification stickers covered by this PCID shall be broken down into twenty-five (25) classes at the discretion of the Pennsylvania Department of Transportation (PENNDOT), Bureau of Motor Vehicles, based upon the registered gross vehicle weight of the vehicle.

This PCID shall be considered a performance specification. The product outlined in this document must perform as specified, or it will be considered non-compliant and defective. Independent product testing may be necessary; however, the ability to properly adhere to the surface to which it is applied, while meeting all of the other requirements in this PCID, will determine the product's conformance to specification.

1.0 Requirements

1.1 Material – Weight class identification stickers shall consist of the highest quality material that will produce a pressure-sensitive "sticker" conforming to the requirements of this specification. The stickers shall be printed on an engineered paper of not less than 3.3 mil in thickness, and treated with a pressure sensitive adhesive. The back side of the material shall withstand routine windshield cleaning without damage to the sticker as well as accept writing from a ballpoint pen.

1.2 Size - Individually the stickers should measure 3" wide by 2.2" high.

1.3 Design – Weight class identification stickers shall be of a design including color, lettering, size of printing, etc. on both face and back, as indicated and approved by PENNDOT.

1.3.1 Color and lettering – stickers shall be processed with colors that will not fade for a period of thirty-three (33) months.

1.3.2 Printing – prior to production, the successful bidder shall request verification from the requisitioning agency as to design, quantities, and years. All printing and design work on the face of the device shall be completed before application of the adhesive.

1.4 Writing Surface - Writing with ballpoint pen (non-erasable ink) on the reverse (back) side of the sticker must adhere securely and resist smudging and removal. The writing must remain securely anchored, clearly legible and free of smudging.

1.5 Opacity - One side of the paper shall be coated in such a way that writing or printing on the back of the sticker shall not distort the features of the front of the sticker when viewed in normal position under average daylight conditions.

1.6 Adhesive - The face side of the sticker shall be coated with a pressure-sensitive adhesive that will assure adhesion to a vehicle windshield for a period of fifteen (15) months, requiring no moisture, heat or other preparation prior to application. The adhesive shall coat the entire area of the face side of the sticker smoothly and uniformly and shall contain such additives as are necessary to insure flexibility during storage life of the sticker. All printing and design work on the face of the sticker shall be completed before application of the adhesive. The sticker shall show satisfactory adhesion as indicated by no separation between the sticker and the surface to which it is applied.

1.7 Facing (Slip) Sheet - The facing (slip) sheet shall be easily removable by hand for a period of eighteen (18) months without damaging the pressure-sensitive face of the sticker, and shall be sufficiently translucent so that the calendar years and the serial number are legible beneath it. The slip sheet shall contain a slit for ease of removal over a temperature range of 0°F to 120°F without damage to the sticker.

1.8 Perforations - Where an individual sticker requires perforation there shall be no blocking or oozing of adhesive causing edge sticking of the sticker. Perforations shall cause no damage to the sticker upon removal of the facing sheet.

1.9 Security Features - A primary security feature shall be incorporated into each sticker so that any attempt made to remove the sticker from the windshield will result in disintegration, defacement, or visible damage to the sticker rendering it unusable. The stickers shall have a built-in security feature to safeguard against counterfeiting. This shall be accomplished by an invisible indicator known only to the manufacturer and authorized Commonwealth personnel. The invisible indicator must be effective on both the face and reverse of the sticker. In addition, the stickers shall contain reduced lines of type (micro-text) on the face of the form that are readable only under strong magnification. Wording and location of micro-text to be known only to the manufacturer and authorized Commonwealth personnel.

2.0 Serial Numbering – weight class identification stickers shall have a serial number consisting of a prefix and a seven-digit number. All stickers shall be consecutively numbered, in accurate sequence, for the total quantity required for each weight class designated.

2.1 Weight class identification stickers shall have a serial number prefix consisting of two alpha characters which will be designated by the purchasing agency, followed by the last number of the year for which the sticker is issued (e.g., 2 for the year 2002).

2.2 Color – Shall be mutually agreed to by supplier and requisitioning agency, in accordance with contract requirements. Colors will be determined by using the Pantone Matching System (PMS) when possible. Once determined, colors must remain consistent from one manufacturing run to the next for the entire campaign year.

3.0 Quality

3.1 The quality of these stickers is very important. The quality philosophy and methods of the selected supplier must be “zero defects”. Each bidder must submit their plan for accomplishing the “zero defects” quality philosophy along with their bid.

3.2 Acceptable quality levels for these products are no more than one (1) defective sticker per 5,000 delivered stickers to the purchasing agency per contract year. Defects include but not limited to out of sequence numbering of stickers, stickers failing to adhere to vehicle windshields for the specified time, stickers not meeting the required security features, stickers damaged or removed by routine windshield washing, and excessive variation of sticker color. Product not meeting this standard will result in application of the provisions of the “Liability” clause.

3.2.1 All deliveries shall be palletized in sequential number order, with the lowest numbers on top. In addition, in the case of missing serial numbers during production, up to one (1) label per 5,000 delivered labels per line item will be allowed as missing numbers. All breaks in sequence must be so indicated on each carton where the breaks occur. Vendor must provide missing numbers list. No over-runs against purchase order quantities will be allowed.

3.3 Workmanship - Workmanship shall be first class throughout. In preparing the sticker for application the sticker shall not tear and there shall be no separation of the adhesive from the sticker.

3.4 Longevity Period – Longevity Period – Weight Class Identification stickers shall have an overall longevity period of thirty-three (33) months from date of receipt and application to a windshield for a period of fifteen (15) months. Sticker color, adhesive properties, and security features must conform to this longevity period.

4.0 Packing, Marking, and Palletizing.

4.1 Packing - The packing and packaging shall be in accordance with industry standard practice in a manner to insure carrier acceptance and safe delivery to destination.

4.2 Box – weight class identification stickers shall be packaged 500 to a box. Boxes shall be stacked with the starting serial number on top and ending serial number on bottom. These boxes shall be labeled on the outside clearly identifying the starting and ending numbers contained within.

4.3 Palletizing - All boxes shall be shipped on pallets.

4.3.1 Pallet Construction – Pallets shall comply with the National Wooden Pallet and Container Association Uniform Standard for Wooden Pallets. Pallets shall be stringer type, constructed of hardwood that is sufficiently dry so as to not cause moisture damage to the product. Deck boards shall be minimum 3/4 inch thick and minimum 5-1/2 inches wide. Each pallet shall have three stringers 1-5/8 inches thick and minimum 3-5/8 inches wide. Stringers shall be notched to allow easy entry by a forklift. The pallet dimensions shall be minimum 44 inches and maximum 48 inches in the direction of the deck boards, and minimum 36 inches and maximum 40 inches in the direction of the stringers. Four nylon or plastic straps, two in each direction, shall tightly secure the load. Corner edge posts shall run the complete height of each load corner, so that the straps do not cut the boxes, damage their contents, or the center layer does not “pop“ out. Plastic wrap may be used as

an alternate to straps. The entire skid-load shall be wrapped with plastic wrap or poly-pak so that the center layer does not “pop“ out or the load does not shift on the pallet. Boxes shall be constructed and packed so as not to collapse when two pallets of similar material are stacked on top of each other. Pallet and load shall not exceed five feet in height. Boxes shall not extend beyond edges of the pallet. Items shall not be mixed on a pallet.

4.4 Marking - Unless otherwise specified each shipping pallet shall be clearly marked with the words "PRINTED MATTER", the PCID Number and material number, the beginning and ending serial numbers (including prefixes), the quantity, the name of the contractor, the name and address of the consignee, and the words "STORE IN A COOL, DRY PLACE". These markings must be on two sides and correspond with the open ends of the pallet.

5.0 Sampling, Inspection and Testing.

5.1 Samples - The manufacturer shall retain 100 samples of each sticker type consisting of finished product or raw material suitable for testing from each production lot. Samples shall be retained for a minimum of six months after expiration date of the life of the contract. The Commonwealth reserves the right to examine and approve production samples and perform “press checks” at the beginning of each production lot. Samples for prior to delivery testing under this specification shall consist of twenty (20) stickers for laboratory testing. Stickers that comprise samples shall be provided from a variety of production lots.

5.2 Testing – Prior to shipment of initial finished product to the Commonwealth, it shall be incumbent upon the supplier to either conduct their own in-house testing or acquire testing by an independent lab to ensure that the product meets the performance requirements of this specification. Testing shall be performed in accordance with ASTM or equivalent accepted standards. Written results of this testing shall be submitted to the Commonwealth upon shipment of the initial finished product. If the Commonwealth experiences performance or quality issues, subsequent testing of stickers by an independent lab, at the expense of the supplier, may be required at the discretion of the Commonwealth. If subsequent testing is required the test results shall be submitted to the Commonwealth for review.

5.2.6 Acceptance Testing - An acceptance test may be performed on each shipment received by the requisitioning agency. The requisitioning agency may sample each shipment. The weight class identification stickers shall be reviewed for, but not limited to, accurate sequence of serial numbers, consistency of color, uniform size, printing, spelling, and packaging. The requisitioning agency shall have 14 calendar days to perform acceptance testing.

6.0 Material Numbers – This PCID encompasses requirements for the following material numbers:

| <u>Material Master Number</u> | <u>Description</u> |
|-------------------------------|---------------------------------|
| 277367 | Decal, Truck, Weight, Class #2 |
| 277368 | Decal, Truck, Weight, Class #3 |
| 277369 | Decal, Truck, Weight, Class #4A |
| 277370 | Decal, Truck, Weight, Class #4B |
| 277371 | Decal, Truck, Weight, Class #5 |
| 277372 | Decal, Truck, Weight, Class #6 |
| 277373 | Decal, Truck, Weight, Class #7 |
| 277374 | Decal, Truck, Weight, Class #8 |
| 277375 | Decal, Truck, Weight, Class #9 |
| 277376 | Decal, Truck, Weight, Class #10 |
| 277377 | Decal, Truck, Weight, Class #11 |
| 277378 | Decal, Truck, Weight, Class #12 |
| 277379 | Decal, Truck, Weight, Class #13 |
| 277380 | Decal, Truck, Weight, Class #14 |
| 277381 | Decal, Truck, Weight, Class #15 |
| 277382 | Decal, Truck, Weight, Class #16 |
| 277383 | Decal, Truck, Weight, Class #17 |
| 277384 | Decal, Truck, Weight, Class #18 |
| 277385 | Decal, Truck, Weight, Class #19 |
| 277386 | Decal, Truck, Weight, Class #20 |
| 277387 | Decal, Truck, Weight, Class #21 |
| 277388 | Decal, Truck, Weight, Class #22 |
| 277389 | Decal, Truck, Weight, Class #23 |
| 277390 | Decal, Truck, Weight, Class #24 |
| 277391 | Decal, Truck, Weight, Class #25 |

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