

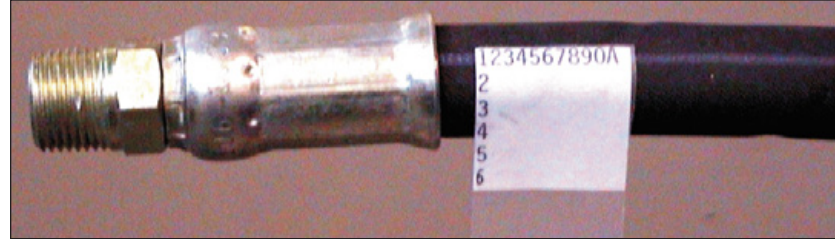
Product Information Report

Crimped D.O.T. Hose Assemblies



Overview

The National Highway Traffic Administration places responsibility for labeling an air brake hose assembly in the hands of the assembler, not the manufacturer of the hose or hose ends.



Each crimped air brake hose assembly must be labeled. This label must contain the following:

1. The Letters D.O.T., verifying certification by the assembler that the hose assembly conforms to all applicable motor vehicle safety standards.
2. Assembler's Identification which is registered with the National Highway Traffic Safety Administration. This can easily be obtained by writing a brief letter to the address on the second page of this document.
3. Date of Assembly, expressed in numerals. For example, May 25th 2014 would be expressed as 05/25/14 or 05/14.

Hose assemblers may want to include additional information on the labels for internal use.

This might include a part number, date codes, dimensions, applications, and a variety of other information to suit their needs.

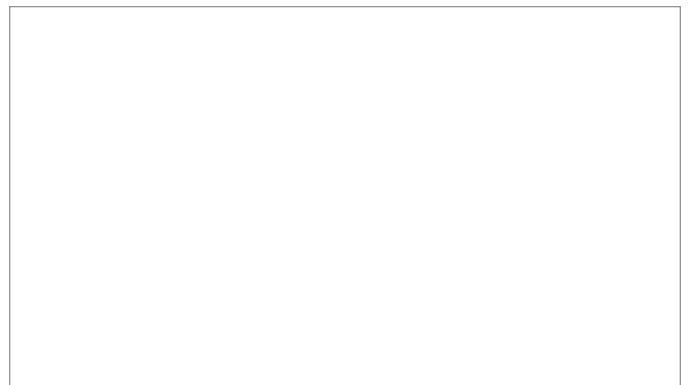
Generally, the labels will accept 9 to 11 characters per row on 5 to 6 rows. The information may be typed or printed on the labels. The main concern is resistance to the elements. Procedure for applying the labels is simple:

1. Print the appropriate information on the label.
2. Wrap the tag around the hose assembly, printed end first.
3. Cover the printed end with the clear mylar tail of the label. The clear tail will protect the printed area from the elements, even paint.

For a summary of air brake hose assembly labeling recommendations, see the extract from **FMVSS 571.106** and the extract from **SAE J1402** on the next page. For specific air brake hose assembly regulations, consult Federal Motor Vehicle Safety Standard (FMVSS) 571.106, available at the address listed on the next page.

Registration is Simple and Free

To apply for your designation write to the Office of Crash Avoidance Standards stating your request to register your company. Be sure to include your company name, address, phone number, the types of hose assemblies you are going to be making and what applications they will be used on. For example, if you own a fleet truck repair shop and make crimped hose assemblies for air brakes, indicate you will be making crimped hose assemblies for use in truck air brake systems. The Office of Crash Avoidance Standards will reply to your request, either approving or denying it. Once approved, you can use the number assigned to you, your company name, and even your company logo as the required identification on the labels.



**Extract from
FMVSS 571.106**

S7.2.3 Assemblies. Each air brake hose assembly made with end fittings that are attached by crimping or swaging, except those sold as part of a motor vehicle, shall be labeled by means of a band around the brake hose assembly as specified in this paragraph or, at the option of the manufacturer, by means of labeling as specified in S7.2.3.1. The band may at the manufacturer's option be attached so as to move freely along the length of the assembly, as long as it is retained by the end fittings. The band shall be etched, embossed, or stamped in block capital letters, numerals or symbols at least one-eighth of an inch high, with the following information:

- (a) The symbol DOT, constituting certification by the hose assembler that the hose assembly conforms to all applicable motor vehicle safety standards.
- (b) A designation that identifies the manufacturer of the hose assembly, which shall be filed in writing with: Office of Crash Avoidance Standards, Vehicle Dynamics Division, National Highway Traffic Safety Administration, 400 Seventh Street SW., Washington, DC 20590. The designation may consist of block capital letters, numerals or a symbol

**Extract from
SAE J1402**

3.3 Assemblies – Each air brake hose assembly shall be identified by means of a band around the hose. The band may move freely along the length of the assembly as long as it is retained by the end fitting. The band shall be permanently etched, embossed, or stamped in legible block capital letters at least 1/8 in. (3.2mm) high with the following information:

- (a) The month, day, and year or the month and year the assembly was made expressed in numerals. For example, 3/1/95 means March 1, 1995 or 3/95 means March 1995.
- (b) The assembler's identification and additional information as required.