

Titles, Hose and Hose Assembly, SAE G-3D Subcommittee, Selection of

RATIONALE

ARP1987/2 has been reaffirmed to comply with the SAE five-year review policy.

1. SCOPE:

The scope of this document is to aid in the selection of hose and hose assembly titles.

1.1 Purpose:

This SAE Aerospace Recommended Practice (ARP) in conjunction with ARP1987 establishes the procedure for creating titles of G-3D Committee hose and hose assembly documents which will be published by the SAE Aerospace Organization.

2. REFERENCES:

2.1 Applicable Documents:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1.1 SAE Publication: Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

ARP1987 Titles, SAE G-3 Committee Document, Selection of

2.1.2 U.S. Government Publication: Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

MIL-STD-12 Abbreviations for Use on Drawings, Specifications, Standards, and in Technical Documents

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3. COMPOSITION OF NEW TITLES:

Each new title shall consist of a basic name followed by a series of basic name modifiers. The basic name consists of a noun word or noun phrase used as a single definer. Basic name modifiers shall be in a form acceptable to the G-3 Committee members and shall be applied as shown in Figure 1.

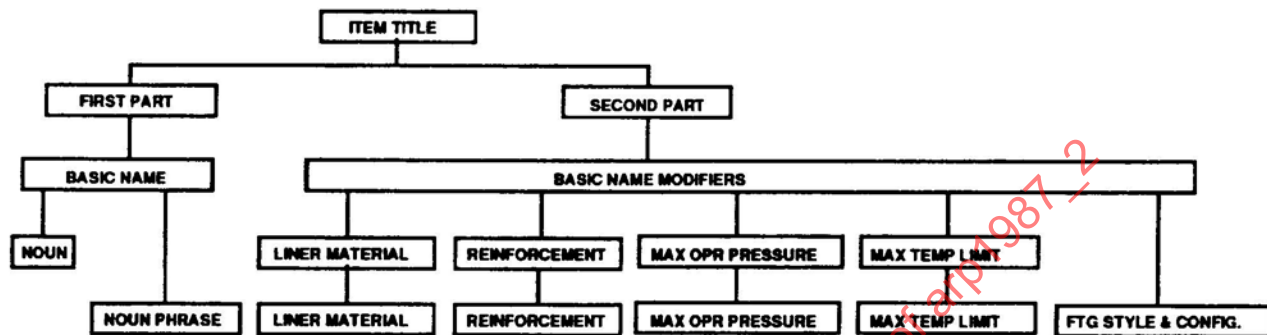


FIGURE 1 - Title Format

3.1 Basic Names:

For the sake of this document the basic name shall be in the form of a basic noun or basic noun phrase.

Example: "HOSE", "HOSE ASSEMBLY", "DUCT", ETC.

3.2 Basic Name Modifiers:

It is recommended that no more than four basic name modifiers be used to form an item title except upon approval of the SAE.

3.2.1 Basic Name First Modifier: The purpose of the first modifier is to narrow the area established by the basic name by identifying the hose liner material.

Example: "ELASTOMERIC", "POLYTETRAFLUOROETHYLENE", ETC.

3.2.2 Basic Name Second Modifier: The purpose of the second modifier is to identify the hose reinforcement material.

Example: "METALLIC", "NONMETALLIC", "PARA-ARAMID", ETC.

- 3.2.3 Basic Name Third Modifier: The purpose of the third modifier is to identify the hose maximum operating pressure.

Example: "LOW PRESSURE", "MEDIUM PRESSURE", "3000 PSIG", ETC.

- 3.2.4 Basic Name Fourth Modifier: The purpose of the fourth modifier is to identify the hose maximum operating temperature.

Example: "275 °F (135 °C)", "450 °F (232 °C)", ETC.

- 3.2.5 Additional Modifiers: Additional modifiers although not required by this document, may be used to identify the type and style of the end fittings.

Example: "STR to STR FLARELESS", "45° TO 45° BEAM SEAL", ETC.

3.3 Proprietary Names:

Trade names, copyrighted names, or other proprietary names applying exclusively to the product of one company shall not be used unless the item cannot be adequately described because of the technical involvement, construction, or composition (see Table 1).

TABLE 1 - Proprietary Names

Unlisted Trade Name	Chemical Name	Accepted Equivalent Name
Teflon	Polytetrafluoroethylene	PTFE
Freon 12	Dichlorodifluoromethane	Refrigerant 12

3.4 Abbreviations:

In general practice, the use of abbreviations shall be avoided. However, should the use of abbreviations become necessary, they shall be in compliance with MIL-STD-12. Compliance requires that:

- Basic name shall not be abbreviated.
- Basic name modifiers may use only the abbreviations listed in MIL-STD-12.

See Table 2.