



SURFACE VEHICLE STANDARD

J514™-3

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Metallic Connections for Fluid Power and General Use - Part 3: NPTF Pipe Adapters and NPSM Adapter Unions

RATIONALE

Revise Tables 6 and 11 to remove references to tube size. Dash size designation for SAE J1926-3 stud ends were also added to Table 11 for clarity.

FOREWORD

The January 2012 edition of SAE J514 was a single document specifying the requirements for the following;

- 37 degree flare adapters with SAE J1926-3 stud ends and NPTF pipe ends.
- Flareless bite type adapters with SAE J1926-3 stud ends and NPTF pipe ends.
- O-ring plugs with internal and external hex.
- NPTF pipe adapters.
- 30 degree NPSM adapter unions.

SAE J514-3 specifies NPTF adapters and 30 degree NPSM adapter unions. Formerly, SAE J514 was organized as a single document with ten clauses, which included six sections. SAE J514 has been organized into three sections as follows:

Part 1: 37 degree flared fittings.

Part 2: Flareless (bite type) fittings.

Part 3: NPTF pipe fittings and pipe unions.

It is important to note that this and all SAE J documents are intended for ground vehicle use only and are not intended for aerospace vehicles.

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