

Standard 5100-190c  
Amendment 1  
October 2007

**UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
STANDARD FOR  
THREADS, GASKETS, ROCKER LUGS,  
CONNECTIONS AND FITTINGS, FIRE HOSE**

2.2. Non-Government Publications. Add the following document:

SAE International

ARP 5316, Rev. B - Storage of Elastomeric Seals and Seal Assemblies, which include an elastomer element prior to hardware assembly.

Address requests for copies to SAE International, SAE World Headquarters, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

3.2.1. Gasket Material. Replace section e with the following:

e. Gasket material age on delivery shall be a ratio of 1/6 of the shelf life (as determined by ARP 5316, table 1) of the elastomer. In the case of elastomers with shelf lives greater than 12 years, maximum age on delivery shall be 2 years. For example, a gasket formed from Styrene Butadiene with a shelf life of 3 years shall have a corresponding age on delivery of 6 months. A gasket formed from Ethylene Propylene with an unlimited shelf life shall have a corresponding maximum age on delivery of 2 years.

3.3.3. Gasket Material Conformance: Add the following verbage to the paragraph.

The certificates of conformance must also include:

1. The elastomer family for the rubber compound.
2. The shelf life based on ARP 5316, table 1.
3. The date the gasket material was manufactured.