



Aerospace Testing Alliance

A Joint Venture of Jacobs, CSC, and GP

## QUALITY ASSURANCE REQUIREMENTS

O-rings shall be labeled in accordance with Aerospace Recommended Practice SAE ARP5316: Storage of Aerospace Elastomeric Seals and Seal Assemblies Which Include an Elastomer Element Prior to Hardware Assembly, Section 5.3, Labeling.

Each package or container **shall** be labeled, as a minimum, with the following information:

- a. Manufacturer’s name, part number and/or specification;
  - Ex: Parker Hannifin N674-70/Mil-G-21569
  - Ex: Spec Seals V708-75
  - Ex: Parco 9009-75/AMS 7276
- b. Lot or Batch number;
- c. Quarter and year of cure (e.g., July to September 2005 = 3Q05);
- d. ASTM D1418 Designation and/or Trade Name (examples listed in table below)

**NOTE:** The list of manufacturers, elastomers, designations, and trade names provided are examples and not all inclusive.

Elastomer	ASTM D1418 Designation	Trade Names/Manufacturer
Nitrile (Standard nitrile is also known as Buna-N or NBR)	NBR XNBR HNBR	Krynac®/Lanxess Nipol®/Zeon Corp. Nysyn®/Copolymer Rubber & Chemical Corp. Paracril®/Uniroyal, Inc.
Chloroprene	CR	Bayprene®/Bayer Corp. Neoprene®/DuPont Dow Elastomers
Fluorocarbon	FKM	DAI-EL®/Daikin Industries Dyneon®, previously Fluorel®/3M Company Tecnoflon®/Solvay Solexis Viton®/DuPont Dow Elastomers
Silicone	MQ PMQ VMQ PVMQ	Baysilone®/Bayer Corp. Silastic®/Dow Corning Corp. Silplus®/General Electric Tufel®/General Electric

**Material delivered to AEDC must have 85% of the original shelf life remaining and the required markings or will be rejected.**

## QUALITY NOTE 25