



## QUALITY ASSURANCE REQUIREMENTS

O-rings shall be labeled in accordance with Aerospace Standard SAE AS5316; Storage of Elastomer Seals and Seal Assemblies which include an Elastomer Element Prior to Hardware Assembly, Section 3.3: 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 2019 = 3Q19);
- 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 received unmarked or not having 85% of the original shelf life remaining will be processed as nonconforming material.**

## QUALITY NOTE 25