Rubber Fab
An ENPRO Company
26 Brookfield Drive • Sparta, NJ 07871
Tel: 973-579- 2959 • Fax: 973-579-7275
Toll Free: 866-442-2959 • www.rubberfab.com

STORAGE PROCEDURES AND SHELF LIFE

ELASTOMERIC & PTFE GASKETS, O-RINGS & HOSES

The shelf life of elastomeric, PTFE gaskets, O-Rings, tubing and hoses is dependent on many factors pertaining to their storage conditions. Elastomeric (EPDM, BUNA-N, Silicone, FKM, FEP not including SBR) products stored in their original packaging in a dry, cool environment away from direct sun light and artificial light should remain in optimal condition for 10 years. PTFE based products stored in their original packaging in a dry, cool environment away from direct sun light and artificial light should remain in optimal condition for 25 years. We do, however, recommend visual inspection of gaskets and hoses for discoloration, hardening and deformation that may affect the fit and function of the product prior to use.

TEMPERATURE: To avoid certain forms of deterioration that may occur at higher temperatures, storage temperatures should be below 77F (25 C). The effects of low temperatures are not permanently damaging, but articles may stiffen more than usual.

HUMIDITY: Store in a dry environment to avoid condensation.

LIGHT: Gaskets & hoses should be protected from light, especially direct sunlight and strong artificial light with high ultraviolet content. OXYGEN AND OZONE: Whenever possible, gaskets and hoses should be protected from circulating air, ozone is very abrasive toward rubber, storage rooms should not contain any equipment capable of generating ozone such as mercury lamps, electric motors and any other equipment that produces electrical sparks and discharge.

DEFORMATION: Whenever possible, gaskets and hoses should be stored in a relaxed condition free from tension, compression or other deformation.

CONTACT WITH LIQUID OR SEMI-SOLID MATERIALS: Rubber should not come in contact with liquids or semi-solid materials, especially solvents, oils and greases at any time during storage.

ROTATION OF STOCKS: Gaskets and hoses should remain in stores for as short of a period as possible. Therefore, articles should be issued from stores in strict rotation. Michael Smith Quality Assurance Manager



Chad Yoder | Sr. Product Manager