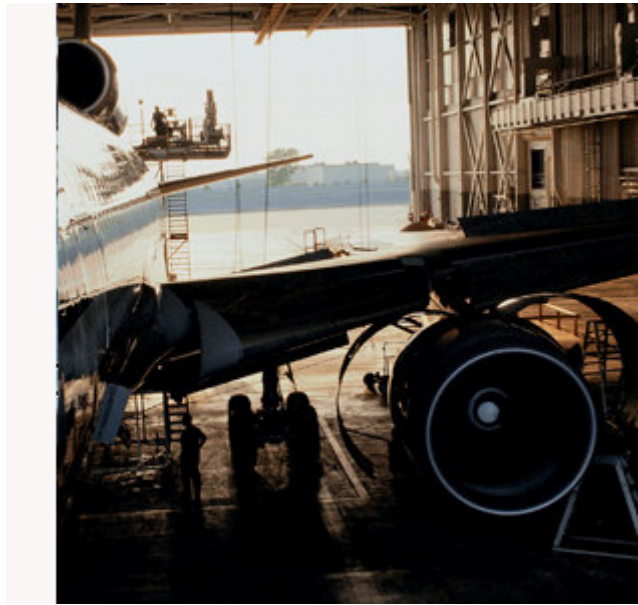


## Standard Compounds

O-rings made from standard compounds are available from stock in standard AS-568A, metric and JIS sizes.

**Compound 6375** - A carbon black-filled compound for general use in O-rings, seals, diaphragms and other parts specifically for the chemical process industry. This compound has excellent, broad chemical resistance, good mechanical properties, and outstanding hot-air aging properties. 6375 is well suited for use in mixed process streams because of its excellent resistance to acids, bases, and amines. In addition, it is the suggested compound for use in hot water, steam, ethylene oxide and propylene oxide. A maximum continuous service temperature of 275°C [525°F] is recommended.



**Compound 7075** - Kalrez® Spectrum™ 7075 broadens Kalrez® sealing options with a perfluoroelastomer that has enhanced physical performance properties including very low compression set (12% pellets/15% O-rings per ASTM D 395B) and improved seal force retention. It is a carbon black filled compound utilizing new and proprietary cure chemistry technology with mechanical properties designed for improving sealing performance in both high temperature environments and temperature cycling situations. 7075 joins the family of Kalrez® Spectrum™ products designed for the chemical processing industry. To provide even greater sealing performance in dynamic applications where low friction is required, 7075 O-rings have a glossier finish than other Kalrez® parts. 7075 was specifically developed to be used as an O-ring or custom-sealing component in the chemical and hydrocarbon industries, with an improved thermal resistance that extends maximum service temperature to 327°C (620°F). Kalrez® Spectrum™ 7075 offers the enhanced elastomeric properties outlined above while providing a chemical resistance better than the industry standard set by Kalrez® 4079.

**Compound 4079** - A low compression set compound for general-purpose use in O-rings, diaphragms, seals, and other parts used in the process and aircraft industries. It is a carbon black-filled compound with excellent chemical resistance, good mechanical properties, and outstanding hot air aging properties. It exhibits low swell in organic and inorganic acids and aldehydes and has good response to temperature cycling effects. A maximum operating temperature of 316°C [600°F] is recommended, with short excursions to higher temperatures possible. This compound is not recommended for use in hot water/steam applications or in contact with certain hot aliphatic amines, ethylene oxide, or propylene oxide.