High performance
Resilon-T® X515 Material

For oxygen environments

Available oxygen cleaned and packaged to GS-38 and more!

CECO’s Resilon-T® X515 material is certified by the internationally accepted Federal Institute for Materials Research and Testing (BAM) for the assurance of material safety in gaseous oxygen service. X515 is approved for temperatures up to 350°F and pressures up to 2900 psi. Most reciprocating oxygen compressors operate at significantly lower temperatures and pressures than the maximum allowance.

Oxygen environments inhibit the formation of PTFE film, but Resilon-T® X515 relies on the oxidation of several proprietary fillers to provide excellent lubricity, reduced coefficient of friction and low wear rates. Additionally, X515 is not abrasive to the counterface, including cast iron, hardened steel or special coatings like tungsten carbide.

New O2 material!

Delivering superior products and services to the gas transmission, gas processing & petrochemical industries since 1964.