

G205 Resilon-T® Materials

Molybdenum Disulfide, Glass Fiber, Graphite Filled PTFE



Successful Non-lubricated Applications for G205 Material

Gas	Temperature (°F)	Pressure (psi)	Previous Life (hrs)	Current Life (hrs)
Natural Gas (L) storage	180	2,250	6,300	16,000+
Natural Gas (L) transmission	140	950	12,000	80,000+
Carbon Dioxide (NL)	290	325	2,200	8,900
Hydrogen Sulfide (L)	185	475	2,200	6,700+
Air (L)	290	650	1,800	12,000+

CECO offers an upgrade to the industry standard carbon filled ptfе with our Resilon-T® G205 material. This grade is our preferred choice for natural gas applications and has a longer service life and enhanced lubricity over traditional filled ptfе materials.

G205 has improved physical properties over conventional filled ptfе, including very good wear resistance and reduced creep. This grade also has the ability to be used as a stretch on rider band.

G205 is a versatile grade that can be run lubricated or non-lubricated. The maximum suggested operating conditions are 275°F at 2500 psi in lubricated applications. Temperatures may be increased to 300°F with lower discharge pressures.

CECO stocks G205 in a variety of sizes for immediate manufacturing. Please consult your CECO sales representative for recommendations for your specific operating conditions.

G205 Benefits

Upgrade over conventional filled ptfе

Our preferred grade for natural gas transmission

Added lubricity reduces wear on counterface

Versatile grade: runs in lube or non-lube service

Call for a Solution:

800-TRY-CECO

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