

B450 Resilon-T® Materials

Bronze Molybdenum Disulfide Filled PTFE



Lubricated (L) and Non-lubricated (NL) applications for B450 material

Gas	Temperature (°F)	Pressure (psi)	Previous Life (hrs)	Current Life (hrs)
Air (NL)	300	600	2400	8600+
Air (L)	290	650	4800	12000
Natural Gas (L)	140	950	12000	80000+
Carbon Dioxide (NL)	290	325	2200	8900

CECO offers an excellent material for both lubricated and non-lubricated service with our Resilon-T® B450 material. This grade is our preferred choice for instrument air and PET (bottle blowing) applications. B450 has improved thermal conductivity and enhanced lubricity over traditional filled ptfе materials that fail prematurely in severe service.

B450 has enhanced physical properties over conventional filled ptfе grades, including improved wear resistance and reduced creep. This material also has the ability to be used as a stretch on rider band.

B450 operates in conditions that are optimal below 325°F maximum and 800 psi in non-lubricated applications. When operating in a lubricated environment, the discharge pressure may be increased to 1500 psi.

CECO stocks B450 in a variety of sizes for immediate manufacturing. Please consult your CECO sales representative for recommendations for your specific operating conditions.

B450 Benefits

Our preferred material for air service and PET

Improved thermal conductivity over conventional grades

In stock for immediate delivery

Call for a Solution:

800-TRY-CECO

800-879-2326

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