

Rulon 1410 is a gold material with excellent elongation and tensile strength suitable for flip seal and other flexible sealing applications. Coupled with low frictional characteristics, it offers the added benefit of energy savings and/or increased sealing efficiency.

This material is also resistant to most harsh chemicals. It is also compatible with many commercially available lubricants for additional reduction in torque.

It can also be used as a liner material for substrates requiring any of the above characteristics.

Features

- Color: Gold
- Excellent elongation and tensile strength
- Low frictional characteristics
- Resistant to most harsh chemicals
- Compatible with many commercial lubricants for additional torque reduction



Technical Specifications

Property	Value	Unit
Temperature - Typical Range	-400/+550 (-240/+288)	°F (°C)
Maximum PV (continuous)	7,500/0.26	psi/fpm (MPa•m/s)
Maximum P - psi (static)	750 (5.2)	psi [MPa]
Maximum V -SFM (no load)	400 (2)	ft/min [m/s]
Shaft Hardness - Minimum	Rb25	Rockwell B
Shaft finish Recommended RMS/ra	8 - 16 (0.2-0.4)	µin(µm)
Shaft Material	Stainless to hardened steel & cast iron	
Engineering Information		
Friction - static & dynamic	0.10 - 0.20	
Flammability ASTM D635	Non-Flammable	UL V-O
Chemical Resistance	Data available	
Linear Coefficient of Thermal Expansion 78° to 500°F (26° to 260°C)	Length 8.6 (15.4)	x 10 ⁻⁵ in/in °F (x 10 ⁻⁵ m/m °C)
Physical Data		
Elongation ASTM D4894	210	%
Tensile Strength @ Yield, 73°F	2150 (14.8)	psi
Specific Gravity ASTM D792	2.20	gram/cu. cm

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CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



Ultracomp[®]

- Self-Lubricating
- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact



TriSteel[™]

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



Rulon[®]

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



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