



## FEATURES

- Low coefficient of friction
- No stick slip effect
- Heavy load carrying capacity
- Non-magnetic properties
- No electro-chemical corrosion in aqueous solutions
- High wear resistance
- Good chemical resistance
- Good temperature resistance
- Extremely low moisture absorption
- Vibration suppression characteristics
- Easy installation

## PRODUCT DESCRIPTION

- Code: C40  
 Color: Light Blue  
 Description: Premium grade of polyester resin reinforced with synthetic fiber cloth with PTFE micro-powder as a dry lubrication additive.
- Precision Tolerance Machined Wear Rings
  - Wear Strip in (10) Meter Rolls

Property		Value	Unit	Value	Unit
Ultimate Compressive Strength	Normal to laminate	50,000	PSI	345	MPa
	Parallel to laminate	14,500	PSI	100	MPa
Hardness, Rockwell		98	M Scale	98	M Scale
Maximum sliding speed (lubricated)		18	ft/sec.	5	m/s
Specific Gavity		1.21	-	1.21	-
Frictional coefficient (lubricated)		0.02	-	0.02	-
Maximum swell in water (% wall thickness)		0.05	%	0.05	%
Maximum radial load (normal)	Static	43,500	PSI	300	MPa
	Dynamic	12,500	PSI	85	MPa
Maximum operating temperature	Continuous	250	°F	120	°C
	Intermittent	275	°F	135	°C
Minimum operating temperature		-40	°F	-40	°C

November 20, 2017

This information corresponds to our current information on this material. It is provided solely to provide guidelines for your evaluation. This information is not intended to substitute for any testing you may need to conduct to determine the suitability of our products for your particular application. Since we cannot anticipate all variations of the actual end use application conditions, we do not make any warranties or assume any liabilities in connection with any use of this information.



Product Performance. Affordability. Availability.