



SPEC 4000

A compound designed and tested for eight years to extend the life of your pump in almost every application. Our bearings and wear rings are compression molded from a carbon fiber graphite material that gives you phenomenal wear and heat dissipation properties.

1. *Excellent abrasive resistance*
2. *Continuous run-dry capability*
3. *450 Degree F exposure*
4. *Material has NSF approval for potable water*
5. *Low coefficient of friction*
6. *Extensive list of Chemical Resistance*



CARBON FIBER GRAPHITE MATERIAL

SPEC 4000: Non-metallic Compression Molded

Physical Properties

	English	ASTM Test
Specific Gravity	1.84	D792
Water Absorption	.04%	D695
Maximum Running Temperature	400 Degrees F	

Mechanical Properties

Flexural Strength	13,065 PSI	D790
Compressive Strength	36,000 PSI	D695
Impact Strength	8.55 Ft lbs.	D256
Electrical Resistance	4.4 ohms	

Chemical Resistance

Acetones	Excellent
Acids (< 10% solutions)	Excellent
Alcohols	Excellent
Aliphatic hydrocarbons	Excellent
Aromatic hydrocarbons	Excellent
Benzene	Excellent
Butyl Alcohol	Excellent
Ethyl Glycol	Excellent
Ethyl Alcohol	Excellent
Freon	Excellent
Fuels (gasoline, diesel, etc.)	Excellent
Glycerin	Excellent
Hexane	Excellent
Hydraulic Fluid	Excellent
Mineral Oils	Excellent
Motor Oils	Excellent
Natural Gas	Excellent
Propane	Excellent
Sodium Chloride 3.5% (saltwater)	Excellent
Turpentine	Excellent
Xylene	Excellent



Data provided is based on laboratory testing and may not reflect conditions that exist in your applications. User should verify with factory application and conditions. No warranty or legal responsibility is accepted or implied.

NASHVILLE PUMP & POND LLC.

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