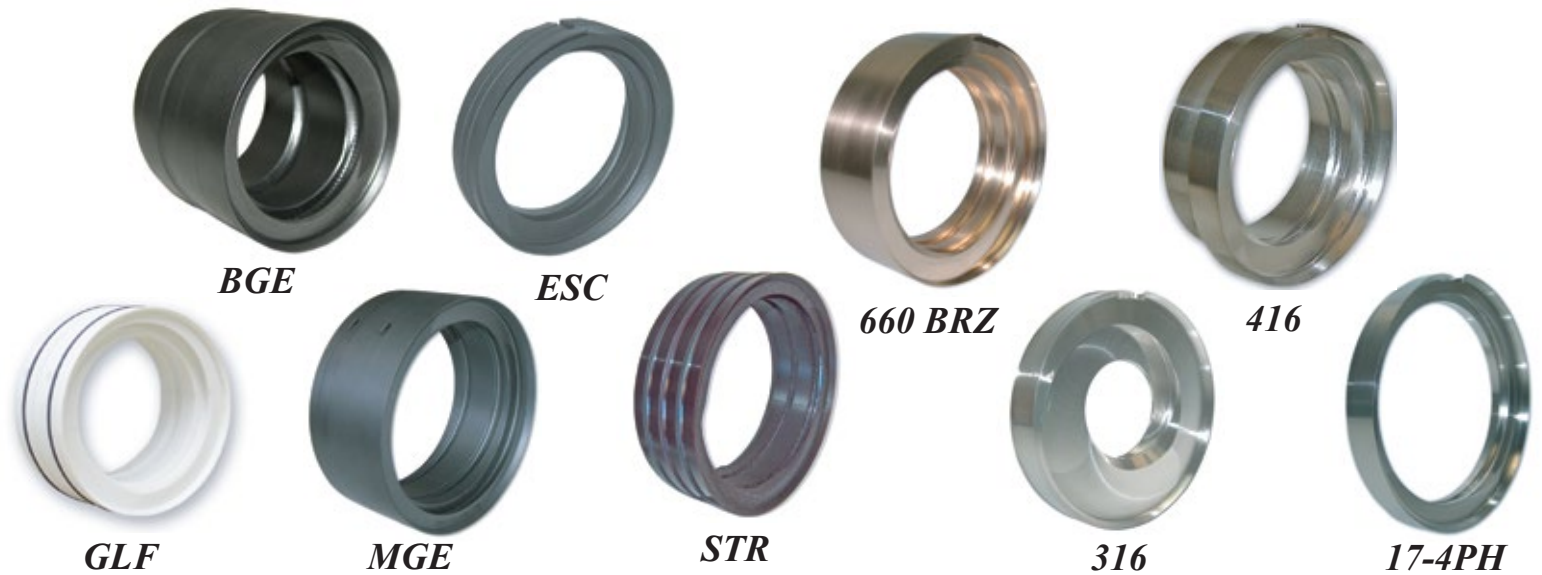




**Engineered To Your Specifications!
 Manufactured In A Variety Of Material Choices
 Aimed At Your Particular Needs And Process Specifications.**



**How do you select the best material for your specific application and design?
 Systematic selection of the best material for a given application begins with the
 material properties. Mechanical, thermal, chemical and other properties.**

ENV ID	Material	Max Temp	Application Information	Industry
GLF	Glass Filled PTFE (Shore D 59 - 63)	250 F / 121 C	Engineered "white" Polymer typically used in applications where process fluid is white.	Pulp and Paper
ESC	Carbon Graphite PTFE (Shore D 63 - 66)	250 F / 121 C	Engineered Polymer used in a wide variety of applications.	Chemical, Commercial Water, General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater
MGE	Fortron PPS (Shore D 82 - 86)	500 F / 260 C	High Performance Polymer suited for applications where intermittent shaft support is required.	Chemical, Commercial Water, General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater
BGE	Bearing Grade PEEK (Shore D 83 - 87)	500 F / 260 C	High Performance Polymer designed for applications that require maximum shaft support.	Chemical, Commercial Water, General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater
STR	Poly-Urathane (Shore D 46 - 50)	185 F / 85 C	Excellent wear properties for slurry services.	Mining, Power, Steel, Wastewater
BRZ	Bronze (Brinell 65)	n/a	Good wear properties. Material is non-sparking and will absorb moderate shaft deflection without damaging the shaft	General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater
316	316 Stainless Steel (Rockwell B 95)	n/a	Used in corrosive services.	Chemical, Commercial Water, General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater
416	416 Stainless Steel (Rockwell C 26.6)	n/a	Ideal for erosive services where chemical compatability is not an issue.	Chemical, Commercial Water, General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater
174	17-4 Stainless Steel (Rockwell C 36)	n/a	Ultimate wear resistance for tough slurry services.	General Manufacturing, Mining, Power, Pulp & Paper, Steel, Wastewater

NOTE: Many times, it comes down to the customer's choice as to what is required for material for the SpiralTrac. The most common restrictions here would be material availability, machinability and cost. In the event that the customer is unsure of the material choice, then EnviroSeal can give guidance as to what standard materials are offered and what to use where. Product compatibility, cost, pump construction, and installation type are all to be considered when choosing what material is to be used. The above list is only a guideline for material selection and Industry applicability. Please consult EnviroSeal directly for any application that does not fall within the above guidelines.