

Thermafoil® Graphite Pressure Seal Data Sheet



Please complete the form below and email to egc@egcgraphite.com. This information is required for accurate design, quotation and manufacture of an EGC graphite pressure seal for your application. Incomplete, inaccurate or missing information will result in a delay or inability to design, quote or manufacture the required pressure seal.

Step 1: Customer & Valve Data

Company: _____

Contact Name: _____

Plant: _____

Email: _____

Valve Location: _____

Valve Manufacturer: _____

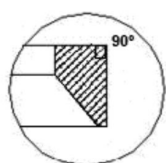
Valve Size: _____ Valve Type: _____

Valve Figure No.: _____

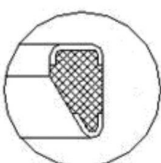
Phone: _____

Valve Pressure Class: _____ Qty. Required: _____

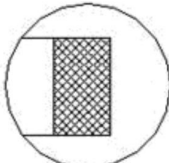
Step 2: Select the box for the **EXISTING** seal you are measuring and replacing.



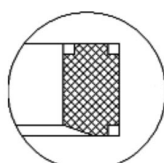
Metal



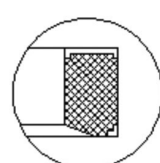
Graphite
Metal Caps



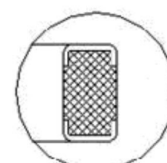
Graphite
Rectangle



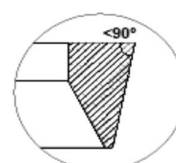
Graphite
Wire Corners
(Edwards)



Graphite Rectangle
with Caps

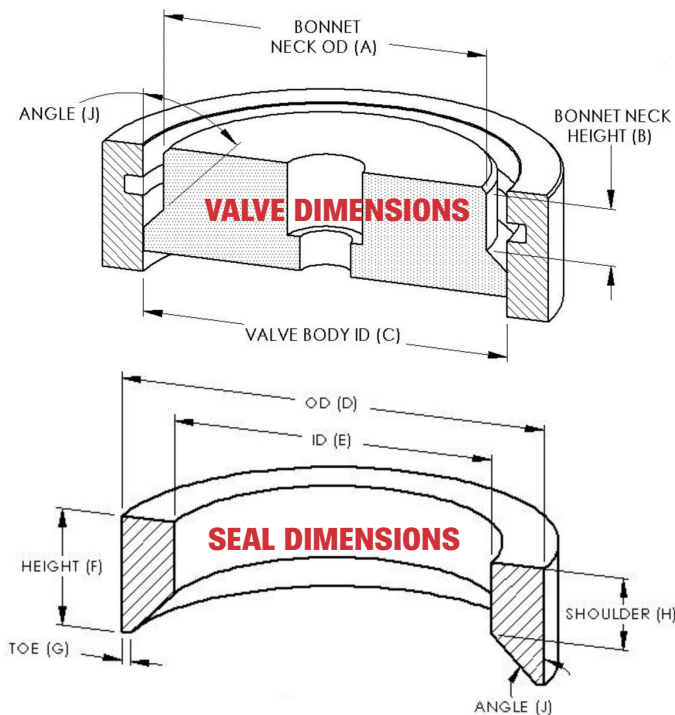


Graphite
Rectangle with Caps



Powell Metal Seal
w/ OD Taper
Contact EGC

Step 3: Provide dimensions below using illustrations for reference. **COMPLETE data, accurate to .001" or .01mm, is essential to ensure proper fit & function of a new pressure seal.**



A.) Valve Bonnet Neck OD: _____ in.

B.) Bonnet Neck Height:.* _____ in.

C.) Valve Body ID:** _____ in.

D.) Seal OD: _____ in.

E.) Seal ID: _____ in.

F.) Seal Height: _____ in.

G.) Toe Width: _____ in.

H.) Shoulder Height: _____ in.

J.) Angle (Bonnet or Seal): _____ deg.

Were dimensions taken from a new or used seal?

Used _____ New _____

Spacer / Backing Ring Thickness? _____

System Operating Pressure? _____

Will valve be hydro-tested? _____

Bonnet retainment design:

Segmented ring _____ Screw in retainer _____

Other (please describe below) _____

* Please note any uninstalled pressure seal height restrictions. Ex: bonnet threads, jack screw plate assemblies, recess or relief cuts.

** Any taper, out of roundness, cuts, grooves, or other damage to the valve body ID within the seal ring area must be reported to EGC with the data sheet.

- Valve mating components related to the pressure seal ring with diametrical clearance more than .050" must be reported to EGC during design review (ex: backing rings, keeper rings, major bonnet OD, etc.)

-While EGC always recommends sending photos, descriptions or sketches of the configuration and condition of the mating valve components with the data sheet, if the valve is an abnormal configuration and/or the valve is in poor condition, photos and descriptions are a requirement to ensure proper replacement seal ring design.

Please email or fax completed form to EGC for prompt quotation. Thank you.

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