

# FluoroSeal Inc.

Specialty Valves



## TECHNICAL DATA

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### ENGINEERED SOLUTIONS DIVISION (ESD)

Our Engineered Solutions Division (ESD) is staffed with highly skilled engineers, technicians and draftsmen specialized in modifying existing designs to meet your specific needs.

### OUR ENGINEERING COMMITMENT

We will assist you in making the most appropriate selection of alloys and polymers to suit your application. We will provide you with CV factors and other necessary flow calculations, therefore making your decision process as easy as possible. We will work together with you to develop the best valve possible, no matter what your industry sector.

### QUALITY ASSURANCE

FluoroSeal® Plug Valves possess all of the best design features presently available in a non-lubricated valve. They are inspected throughout the full manufacturing process from foundry to final assembly and packaging to assure high quality and consistency in every unit.

All valves are pressure tested prior to shipment and fully compliant to ANSI B16.34 (DIN EN 12266-1) shell tests and MSS SP-61 seat test requirements. All high nickel alloy valves are helium shell tested on a standard basis.

### TESTING

- All FluoroSeal® valves are tested with dry air to 1.5 times the full rated pressure of ANSI/ASME Class 150 as per ANSI B16.34 paragraph 7.1 (DIN EN 12266-1)
- All FluoroSeal® valves in ANSI/ASME Classes 150, 300 and 600 lbs and DIN PN 16 to PN 40 are tested in full compliance with ANSI B16.34 paragraph 7.2 (DIN EN 12266-2)
- FluoroSeal® Fire Safe Valves are tested to API 607 Fifth Edition (ISO 104397-5)

### TORQUE AND CV VALUES

Please consult our website, [www.fluorosealvalves.com](http://www.fluorosealvalves.com), for the most up-to-date listing of torque and CV values.



Chemical



Mining



Oil & Gas

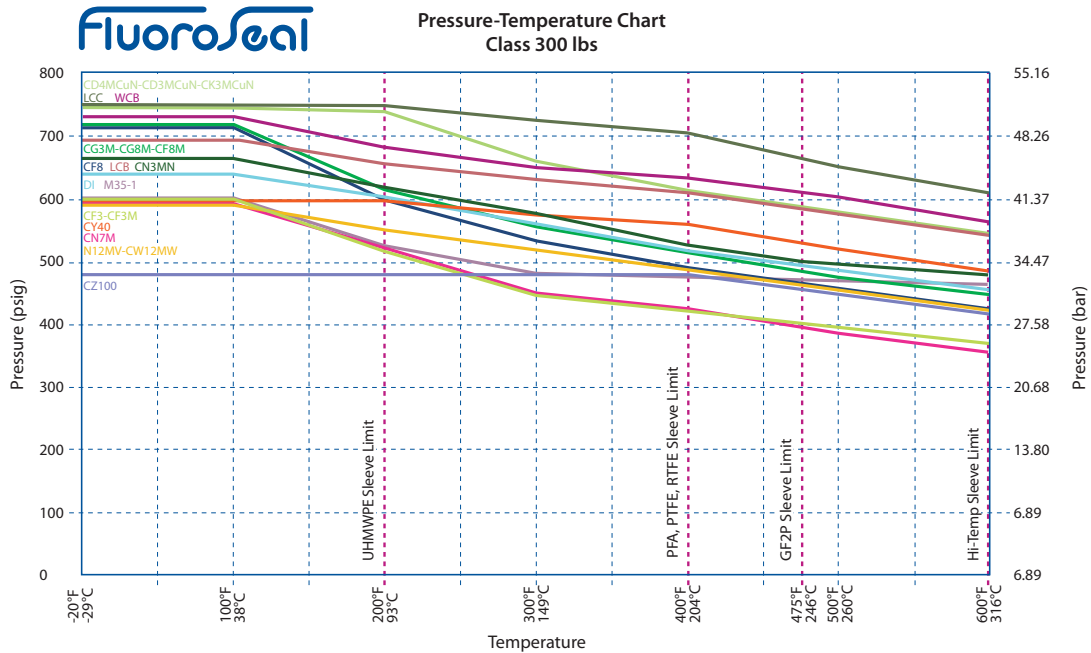
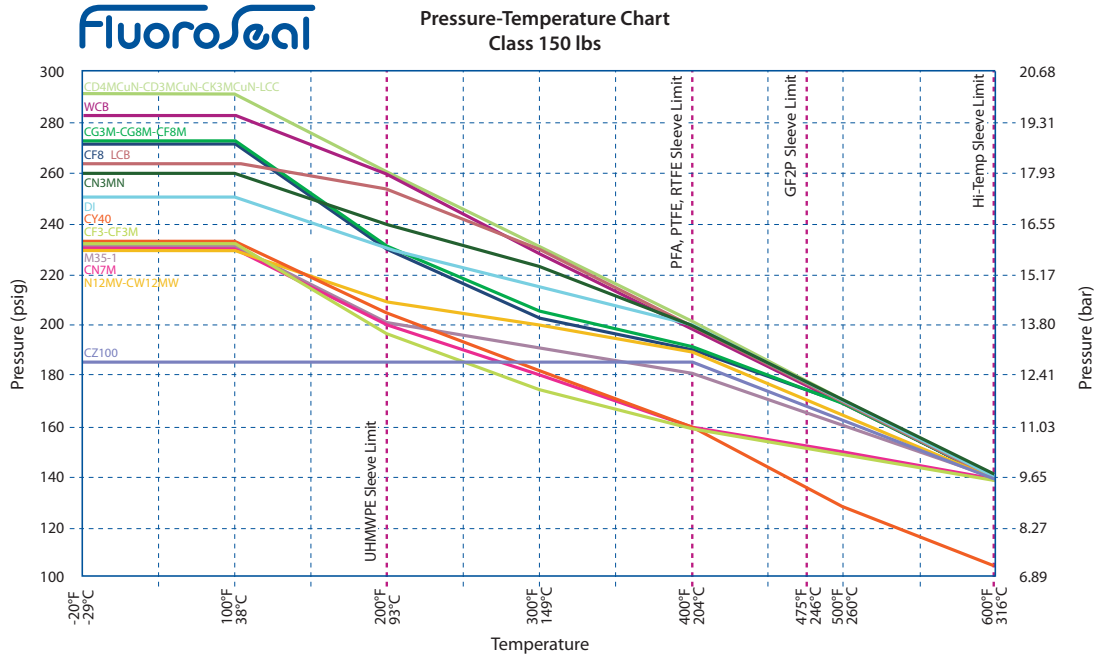


Power Generation



Pulp & Paper

MATERIAL PROPERTIES



PLUG-ANSI-DIN-R003-2012

