

## Oseco Discs for High Pressure Holders

Oseco manufactures a full line of high pressure discs for use in Autoclaves and other high pressure disc holders. Below are the sizes and pressures available.

### Oseco Discs for Autoclave Equipment & High Pressure Holders

| Disc Material   | Unlined Discs           |                         |                          | Teflon Lined Discs               |                                   |                                      |                                 |
|---|-------------------------|-------------------------|--------------------------|----------------------------------|-----------------------------------|--------------------------------------|---------------------------------|
|   | Minimum Pressure (PSIG) | Maximum Pressure (PSIG) | Maximum Temperature (°F) | Minimum Pressure One Side (PSIG) | Minimum Pressure Two Sides (PSIG) | Maximum Pressure 1 or 2 Sides (PSIG) | Maximum Temperature Teflon (°F) |
| <b>3/16" STD Disc: Flat Seat Solid Metal Disc</b>           |                         |                         |                          |                                  |                                   |                                      |                                 |
| 316SS   | 1750                    | 30000                   | 900                      | 3000                             | 3250                              | 13200                                | 400                             |
| Nickel  | 1000                    | 20000                   | 750                      | 1480                             | 1730                              | 10000                                | 400                             |
| Monel   | 960                     | 20000                   | 800                      | 1760                             | 2000                              | 12000                                | 400                             |
| Inconel   | 1500                    | 30000                   | 900                      | 2250                             | 2500                              | 13200                                | 400                             |
| Aluminum  | 220                     | 1750                    | 250                      | 940                              | 1190                              | 1750                                 | 250                             |
| <b>1/4" STD Disc: Flat or Angular Seat Solid Metal Disc</b> |                         |                         |                          |                                  |                                   |                                      |                                 |
| 316 SS  | 1250                    | 85000                   | 900                      | 1950                             | 2150                              | 15000                                | 400                             |
| Nickel  | 550                     | 50000                   | 750                      | 1000                             | 1200                              | 10000                                | 400                             |
| Monel   | 690                     | 40000                   | 800                      | 1190                             | 1390                              | 10000                                | 400                             |
| Inconel   | 900                     | 85000                   | 900                      | 1500                             | 1700                              | 15000                                | 400                             |
| Aluminum  | 160                     | 2000                    | 250                      | 470                              | 675                               | 2000                                 | 250                             |
| <b>1/2" STD Disc: Flat or Angular Seat Solid Metal Disc</b> |                         |                         |                          |                                  |                                   |                                      |                                 |
| 316 SS  | 700                     | 30000                   | 900                      | 950                              | 1060                              | 5000                                 | 400                             |
| Nickel  | 300                     | 20000                   | 750                      | 500                              | 610                               | 3750                                 | 400                             |
| Monel   | 375                     | 20000                   | 800                      | 575                              | 685                               | 4500                                 | 400                             |
| Inconel   | 500                     | 30000                   | 900                      | 725                              | 835                               | 5000                                 | 400                             |
| Aluminum  | 90                      | 1000                    | 250                      | 275                              | 380                               | 1000                                 | 250                             |

NOTE: Due to material availability, some pressures within the min/max pressure shown below may not be achievable.

For more information on Oseco's autoclave and high pressure rupture discs, contact us at 1-800-395-3475 or email your inquiry to info@oseco.com.