



| ARDE Part Number 4891 | | | |
|--------------------------------|----------------------------------|--------------------------|----------------------------|
| Volume (cubic inches) | 1680 | Material of Construction | |
| Operating Pressure (psig) | 1813 | Tank | Cryofomed CRES 301 |
| Proof Factor | 1.5 | Tubing Interface | CRES 304L Fitting: 316L |
| Minimum Burst Factor | 2.0 | Wrap | Fiber: T-1000 |
| Actual Rupture Pressure (psig) | 12,500 By Similarity to D4636 | | Resin: ARDE 31-43B |
| Weight (pounds) | 16.53 | | Liner/Composite Bond-None |
| Qualification Basis Standard | MIL-STD 1522A | Environmental Load (Xe) | Component Qual |
| | AIAA-S081 | | Axial 12.01 grms |
| | | | Lateral 15.07 grms |