

AdelWiggins W900 Performance Data

The W900 Series of flexible tube connectors has been qualified to the requirements of Specification MIL-C-22263 and AS1650, plus other special environmental tests such as random gunfire vibration.

Operating Pressure
125 PSI*

Operating Temperature
120°F to +800°F

Proof Pressure
250 PSI

Burst Pressure
375 PSI

Temperature

To 450°F depending primarily on O-ring material.

120°F to +800°F in models using special lip seals.

Maximum Temperature

900°F

Flexibility

(Max. Angular Misalignment)

±4° total angular tube flexure

(+2° per tube end centerline).

Flexure Capability

28,000 cycles with 3° flexure

Axial Movement

Up to +1/8 inch from initially centered installation

for a total of 1/4 inch.

Electrical Bonding

(Resistance)

Conforms to MIL-B-5087, Class S (<1 ohm)

Qualification Specifications
AS1650 (92-03-03)

Seals

Uses standard AS568 O-ring sizes provided by user,
with O-ring material selected to suit the application.

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* Specification rated pressure — may be substantially higher
depending upon size and other system requirements.