

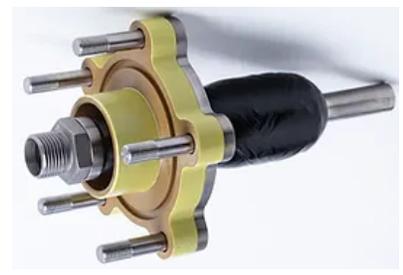
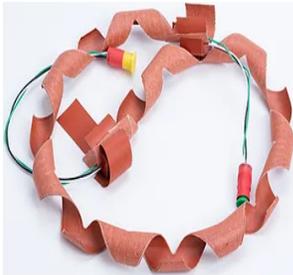


As a market leading stocking/distributor of fluid conveyance products we offer: Inventory, Preferred Supplier Partnerships and Fitting Expertise along with Associated Tooling and Qualifications

Orkal is an authorized distributor for **AdelWiggins Group** products. This combination of product technical expertise, stocking and logistics expertise provides the ultimate supply chain benefits for the Customer and Manufacturer. Orkal has been providing technical sales, stocking and logistic support **for over 20 years** for the Aerospace Industry. We have close link to the factory from every standpoint, including quality, sales, engineering and product support. No-one is better qualified than Orkal to provide marketing, technical services , stocking and logistics support.



**Couplings, Quick Disconnects, Special Connectors, Special Fittings...
Loop/Saddle Clamps, Polymer Blocks, Wear Sleeves...
Electrical Heater Blankets, Cuffs and Ribbons for Water Systems...
Composite Pipes, Vent Tubes and Isolator Tubes for fuel and hydraulic lines...**



Service | Product Knowledge | Reliability | Performance





AW2100 Series

AS7510 Coupling

- ▶ Clamshell coupling design (AS7510 Design)
- ▶ CFR 25.981 compliant
- ▶ High current/lightning capable (tested per ARP5416)
- ▶ Dual and redundant hardware (single fault tolerant)
- ▶ Non-metallic Visual Tactile Latch Indicator (VTLI)
- ▶ Operating pressure: 130 PSIG, proof pressure: 260 PSIG, burst pressure: 390 PSIG
- ▶ Operating temperature: -65°F to 265°F (dependent on O-Ring material)
- ▶ Capable of 4° total misalignment in joint
- ▶ Available sizes range from -08 to -64 (0.500" to 4.000") in aluminum alloy

AS7510 Cross Reference	AdelWiggins PN Nomenclature	*Example PN	Description
AS7512A(Size)	AW2100-(Size)DE	AW2100-32DE	Coupling Assembly (Half Coupling Assembly + Body)
AS7515A(Size)	AW2104-(Size)DE	AW2104-32DE	Half Coupling Assembly
AS7514A(Size)	AW2108-(Size)DE	AW2108-32DE	Body
AS7513A(Size)	AW2102-(Size)D	AW2102-32D	Ferrule, Swage
AS7516A(Size)	AW2103B(Size)D	AW2103B32D	Ferrule, Butt Weld

*All Examples with Size: -32 (2.000" Tube OD)



AW2100
Coupling Assembly



AW2104
Half Coupling Assembly

AW2108
Body



AW2102
Swage Ferrule