

AdelWiggins Flexible Tube Connectors with Threadless Clamshell Closure

Safety-Locking,

One Hand Installation

Adel Wiggins has utilized its more than three decades of experience in the design and production of reliable flexible tube connectors to develop the W900 Series. This series has evolved in response to some very demanding application requirements - most particularly of one-hand installation and removal.

The locking latch design eliminates troublesome and time-consuming installation of safety-wire. It also provides positive assurance of a full closure.

The Electrical Bonding feature eliminates the external clamps, fastener and jumper wire required by most other connectors.

Elimination of lockwire holes, grounding clamps and jumper provides for minimum weight and unit costs, while retaining the proven performance of other WIG-O-FLEX connectors.

Fully qualified to AS1650 and MIL-C-22263.

Ordering Information:

Coupling Assembly

W991-(size*)(matl**)

consists of:

W994-(size*)(matl**)

Clam Shell Assembly

W908-(size*)(matl**)

Sleeve

The following items should
be ordered separately:

W903B-(size*)(matl**)

Weld Ferrule (2 required)

and

"O" Ring Seals (2 required)

*Tube O.D. in 1/16 of an inch

**D/DE=Aluminum C/CE=CRES

Standard units are available in aluminum alloy. Other materials, such as stainless steel and titanium are available on special order.

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[^](#)

Tube

O.D.

Size

Aluminum

Stainless Steel

Seal Size

per MS

33366

Dimensions

Part No.

Wt. Lbs.

Part No.

Wt. Lbs.

A Max

B Max

C Max

1/2
W991-8DE
.034
W991-8CE
.056
-015
.739
.851
.90

5/8
W991-10DE
.038
W991-10CE
.061
-017
.739
.976
.96

3/4

W991-12DE
.043
W991-12CE
.080
-117
.829
1.156
1.04

1

W991-16DE
.052
W991-16CE
.101
-214
.923
1.432
1.16

1 1/4
W991-20DE
.058
W991-20CE
.117
-218
.923
1.682
1.27

1 1/2
W991-24DE
.062
W991-24CE
.132
-222
.923
1.952
1.40

1 3/4
W991-28DE
.070
W991-28CE
.153
-224
.923
2.211
1.52

2
W991-32DE
.083
W991-32CE
.191
-226
.989
2.505

1.66

2 1/2
W991-40DE
.097
W991-40CE
.232
-230
.989
2.996
1.90

3
W991-48DE
.144
W991-48CE
.357
-234
.989
3.554
2.17

3 1/2
W991-56DE
.176
W991-56CE
.450
-238
.989
4.088
2.43

4
W991-64DE
.201
W991-64CE
.519
-242
1.002
4.596
2.67

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