

View Online at <https://aerobasegroup.com/nsn/4720-01-497-5579>

**Cross Sectional Shape:**

Round

**Thread Class:**

2b 2nd end

**Thread Direction:**

Right-hand 1st end

**Inside Diameter:**

0.500 inches

**Temperature Rating:**

-40.0 degrees fahrenheit single response and 212.0 degrees fahrenheit single response

**Outside Diameter:**

Between 0.870 inches and 0.908 inches

**Minimum Inside Bending Radius:**

7.000 inches

**Hose Or Tubing Specification/std Data:**

Sae j517 100r2 type at-81343 standard (includes industry or association standards, individual manufactureer standards, etc.).

**First End Fitting Specification/std Data:**

Sae j516-81343 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Second End Fitting Specification/std Data:**

Sae j514-81343 standard (includes industry or association standards, individual manufactureer standards, etc.).

**End Application:**

Regulator assembly-ground support

**Connection Style:**

Swivel nut, gasket seal 2nd end

**End Connection Design:**

Straight 1st end

**End Fitting Component And Material:**

Complete fitting steel all ends

**Fitting Component And Surface Treatment:**

Complete fitting anodize 1st end

**Connection Type:**

Threaded internal hose 2nd end

**Features Provided:**

Nonskive

**Thready Qty Per Inch (tpi):**

16 2nd end

**Second End Relationship With First End:**

Not identical

**Burst Test Pressure:**

14000.0 pounds per square inch

**First End Swivel Action Capability:**

Included

**Layer Composition And Location:**

1st layer braided steel wire err-100

**Maximum Operating Pressure:**

3500.0 pounds per square inch

**Thread Size:**

0.750 inches 2nd end

**Hydrostatic Test Pressure:**

7000.0 pounds per square inch

**Flow Angle:**

45.0 degrees 2nd end

**Outer Covering Environmental Protection:**

Oil resistant and abrasion resistant and weatherproof

**Inside Surface Condition:**

Smooth

**Measuring Method And Length:**

72.000 inches excluding end fittings

**Second End Swivel Action Capability:**

Not included

**Product Name:**

Hose assembly -08x72 inches 37 swivl ftg hp red

**Special Features:**

Hose is high pressure service with petroleum base hydraulic fluids, water glycol and water-oil fire resistant hydraulic fluids, hot oil, grease, lubricants, crude and fuel oils, gasoline, air, water

**Media For Which Designed:**

Fuel/oil, hydrocarbon single response

**Supplementary Features:**

Uses fluid 83282 hydraulic oil; red oil service

**Thread Series Designator:**

Unf 2nd end

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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