

## Glenair *FIRST* Fittings and Adapters for Series 75 Metal-Core Conduit (750-145 & 750-147) Testing

Test Requirements	Test Method	Testing Performed By	Test Samples
Interchangeability	Glenair will use the same metal core, braids and jacket as Entraco* to insure interchangeability. A sample of an Entraco* fitting mated with Glenair conduit and visa versa will be subjected to Shielding effectiveness and Transfer Impedence Testing.	Glenair Quality Assurance and Elite Electronics Engineering	Entraco* Conduit with Glenair Fittings, Glenair Conduit with Entraco* Fittings
Sulfur Dioxide Salt Fog	ASTM B 117 with sulfur dioxide gas, 28 Days for 316L Fittings, 200 Hours for Plated Aluminum Fittings. Shielding Effectiveness Testing will be repeated after Sulfur Dioxide Salt Fog.	National Technical Systems Fullerton, California	Glenair Conduit with Pipe Thread Fittings
Salt Spray Test	Aluminum Parts: MIL-STD-1344 for 2,000 Hours.	National Testing Systems Fullerton, California	Glenair Conduit and Pipe Thread fittings
Shielding Effectiveness	MIL-STD-1344, Method 3008, Frequency Range 100 MHz - 10 GHz; 58 dB minimum.	Elite Electronics Engineering Chicago, Illinois	Glenair Conduit with Pipe thread Fittings, Entraco* Conduit with Glenair Fittings, Glenair Conduit with Entraco* Fittings
Surface Transfer Impedence Test	MIL-C-24758 Frequency Range 1 kHz - 100 MHz.	National Technical Systems Fullerton, California	Glenair Conduit with Pipe thread Fittings, Entraco* Conduit with Glenair Fittings, Glenair Conduit with Entraco* Fittings
Core Grounded to End Fitting	When assembled, the core must be grounded to the end fitting and captured by a groove to prevent chafing. Visual Inspection.	Glenair Quality Assurance	Glenair Conduit with Pipe Thread Fittings
360 Degree Grounding of Swivel	Visual Inspection.	Glenair Quality Assurance	Glenair Conduit with Pipe thread Fittings

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