

DSC 459

ALUMINUM WIRE, 1100 SERIES, IVD EVAPORANT

FEDERAL SPECIFICATION

QQ-A-225/1 - Aluminum Alloy Bar, Rod, and Wire, Rolled, Drawn, or Cold Finished, 1100.

REQUIREMENTS

Material and Workmanship: Material shall be uniform in quality and condition, clean, sound and free from internal and external imperfections detrimental to its use for ion vapor deposition.

Solvent Cleaning: The material shall be solvent cleaned, and brightened for vacuum deposition. Organic or inorganic drawing die lubricant residues shall not be permissible.

The material supplied to this specification shall be 1100 alloy and shall conform to Federal Specification QQ-A-225/1, except the minimum copper content is not a requirement to meet the intent of this specification. Temper shall be O, H12, H14, or H16.

Tolerances: The wire shall be furnished on spools. The diameter of the wire shall be 0.062 inch and not vary more than + 0.002 inch from this size unless otherwise specified.

Identification: Each container shall be permanently and legibly marked with the following information:

IVADIZER EVAPORANT ALUMINUM WIRE - 1100 ALLOY

de Havilland Aircraft Company

Purchase Order Number _____

Manufacturer's Identification _____

This drawing is private and confidential and is supplied on the express condition that it is not to be used for any purpose or copied or communicated to any other person without the prior permission of the de Havilland Aircraft Company of Canada Downsview Ontario

REVISIONS					
CHANGE	ITEM NO	DESCRIPTION	DATE	DRAWN	CHECKED
A		GULF WIRE CORP ADDED TO APPROVED VENDORS	21 10 93	Kromkamp	P. Lam

Quality Assurance Provisions

Responsibility for Inspection:

The vendor shall be responsible for compliance with this specification. Purchaser reserves the right to perform such confirmatory testing as he deems necessary to assure that the product conforms to the requirements of this specification.

Reports:

The vendor of the product shall furnish with each shipment a report stating that the product conforms to the technical requirements of this specification. This report shall include the purchase order number, material specifications, number, size and quantity.

Preparation for Delivery

Packaging and Packing:

Packaging shall be accomplished by sealing all wire in polyethylene or equivalent containers and further packing to insure that the wire, during shipment and storage, will be protected against mechanical damage and corrosion.

Spooled wire for ion vapor deposition shall be furnished in one continuous length and level wound. The outside end shall be brought to the flange of the spool. The wire shall be furnished on Mossburg/Hubbard #5258-01-01 spools or equivalent. An equivalent spool is one of the same chemical composition, spool dimensions and equal or greater material strength.

Notes

Intended Use:

The material covered by this specification is intended for use in the ion vapor deposition process.

Ordering Data:

Procurement documents should specify the following:

- Number, title and date of specification
- Tolerances, if other than as specified.
- DSC and vendor part number.

Approved Suppliers:

1. Durable wire,Bradford, Conn. 06406 U.S.A.
13 Beaver Road,
1-800-243-4156
FAX 203-488-0285

2. GULF WIRE CORPORATION
13901 OLD GENTILLY ROAD.
P.O. BOX 29849. NEW ORLEANS LA 70189

SOURCE CONTROL DRAWING

Only the item(s) listed on this drawing and identified by vendor's name(s), address(es) and part number(s) have been approved by the de Havilland Aircraft Company of Canada for use in DHC aircraft. A substitute item shall not be used without prior approval by the de Havilland Aircraft Company of Canada

de HAVILLAND
A BOEING COMPANY
CANADA

DRAWING TITLE
ALUMINUM WIRE,
1100 SERIES, IVD EVAPORANT

DRAWN	Kromkamp	18/6/91
CHECKED	P. Lam	91.06.19
APPROVED	L. SALINAS	11.7.91
MTL & STDS	Kromkamp	11-7-91
STRESS		
CH DRAFTN		

REPORT ALL DRAWING ERRORS
TO ENGINEERING

DWG SIZE	CODE IDENT NO	DRAWING NO	RELEASE	REV
B	71867	DSC 459		A
SCALE	WGT CALC	ACTUAL	SHEET	