
SPECIAL PACKAGE FOR ALUMINA SUBSTRATES

1.0 SCOPE

This standard provides for the multiple packaging of alumina substrates.

2.0 REFERENCES

- 2.1 Lockheed Packaging Standard, LPS 40-001
- 2.2 Materials Specification XWS 14405

3.0 REQUIREMENTS

3.1 GENERAL

- 3.1.1 The substrates shall be clean and free from fingerprints, dust and other visible contamination.
- 3.1.2 Substrates shall be packaged and packed in approved environmental control areas.
- 3.1.3 Packages containing substrates shall be opened only in approved micro-electronic environmental control areas.

3.4 MARKING

3.4.1 Unit Package Marking

3.4.1.1 In addition to any special marking required by contract or order, the following information shall be marked on the unit container and its inner wrap:

- a. Part number, description per Purchase Order.
- b. Specification number and revision letter, if applicable.
- c. Quantity and size.
- d. Supplier identity and lot number.
- e. Purchase Order number.

The unit container's inner wrap shall be labeled or marked "MICROELECTRONICS – OPEN ONLY IN MICROELECTRONICS CLEAN ROOM."

3.4.2 Shipping Container Marking

3.4.2.1 Label or mark each exterior shipping container as follows:

- a. Part number/description per Purchase Order.
- b. Quantity in each shipping container.
- c. Supplier identity.
- d. Purchase Order number.
- e. Precautionary storage/handling restrictions as applicable.

4.0 QUALITY ASSURANCE

4.1 Packaging shall be accomplished in such a manner as to prevent physical damage to the product. The packaging shall be designed to protect the product from damage during handling, storage, and transportation. The packaging shall be designed to protect the product from damage during handling, storage, and transportation.

5.0 NOTES

5.1 The following information is intended as a guide or aid to suppliers in meeting the requirements of this specification.

5.2 MATERIALS SPECIFICATIONS

Material	Specification
Box, Fiberboard	PPP-B-636
Cushioning, Cellulosic	PPP-C-843
Cushioning, Cellulosic (Free Flow)	MIL-C-23734
Cushioning, Plastic (Cellular)	MIL-C-795
Cushioning, Polyurethane (Flexible)	MIL-P-26514
Paper, Neutral	MIL-P-17667
Slotted Box, Metal or Plastic	Commercial