

Specification for

Metal-clad base materials for printed circuits —

Part 13: Silicone woven glass
fabric copper-clad laminated
sheet Si-GC-Cu-13

UDC 621.39.049.75 – 217:678.842 – 419:678.066

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents

AVA

Document Sharing Hub

Cooperating organizations

The Electronic Components Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government department, scientific and industrial organizations:

- British Electrical and Allied Manufacturers' Association (BEAMA)
- Electricity Supply Industry in England and Wales*
- Electronic Components Industry Federation*
- Electronic Engineering Association*
- Institution of Electronic & Radio Engineers
- Ministry of Defence*
- National Supervising Inspectorate*
- Post Office*
- Society of British Aerospace Companies Limited*
- Telecommunication Engineering & Manufacturing Association (TEMA)*
- Trades Union Congress

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- Association of Circuit Technologists
- British Plastics Federation
- British Radio Equipment Manufacturers' Association
- Electrical Research Association
- Institute of Metal Finishing
- Institution of Production Engineers
- Scientific Instrument Manufacturers' Association

This British Standard, having been prepared under the direction of Electronic Components Standards Committee, was published under the authority of the Executive Board on 30 November 1977

© BSI 10-1999

The following BSI references relate to the work on this standard:
Committee reference ECL/19
Draft for comment 74/30688 DC

ISBN 0 580 09957 1

Amendments issued since publication

Amd. No.	Date of issue	Comments

Contents

	Page
Cooperating organizations	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 Materials and construction	1
4 Marking	1
5 Electrical properties	1
6 Non-electrical properties of the copper-clad sheet	1
7 Non-electrical properties of the base material after complete removal of the copper foil	3
8 Packaging	3
Table 1 — Mass per unit area and thickness of copper foil	1
Table 2 — Electrical properties	1
Table 3 — Types, sizes and permitted number of imperfections	2
Table 4 — Nominal thicknesses and deviations of metal-clad sheet	2
Table 5 — d values for bow	3
Table 6 — e values for twist	3
Table 7 — Pull-off and peel strength requirements	3
Table 8 — Flexural strength requirement	3
Publications referred to	4