

PRODUCT INFORMATION BULLETIN

PREVENTS DAMAGE TO INNER/OUTER LAYER PANELS



OVERVIEW

PACOGARD™ Panel Separator or “Slip” Sheets are a line of proprietary, process enhancement products specifically engineered to protect both Inner & Outerlayer PCB Panels from scrap resulting from handling Damage, excessive Oxidation and Air-borne Particulates. **PACOGARD™** also significantly reduces “False Alarms” at AOI.

PACOGARD™, Panel Interleaving or “Slip” Sheets, in standard format, are a proprietary, layered construction consisting of a cellulosic core sandwiched between “White” polymeric barrier layers that are fully releasable.

PACOGARD™ #9000, approximately .009” [225μ] thick, offers self-supporting rigidity, maximum panel protection, and durability.

COST SAVING BENEFITS OF PANEL INTERLEAVING

- Quantifiable reduction of “False Alarms” at AOI due to Handling Damage and surface Particulates
- Reduction of Handling Scratches, Dents, And Electrical Opens due to panel movement
- Dramatic slow-down of Surface Oxidation [cause of poor adhesion of Photoresist, Metal Plating, and Solder Mask] increases “hold times” significantly
- Protects panel surfaces from air-borne prepreg Dust, Fibers, and destructive Fumes

APPLICATIONS FOR SCRAP REDUCTION

- Protection of In-coming Laminates
- Developing and Removal of Unexposed Dry Film
- Stripping
- Lay-up and Lamination
- Solder Mask
- NC Route and Electrical Testing
- Surface Preparation of Laminates
- Etching of Exposed Copper
- AOI
- Pre-Bake and Oxide Deposition Process
- Hot Air Leveling

FEATURES

- **PACOGARD™** has clean, fiber-free, inert, releasable surfaces
- **PACOGARD™**, clad on both sides with a polymeric barrier coating that is both chemical and moisture resistant, can withstand moisture-relief baking temperatures [250°F/121°C]
- **PACOGARD™** has negative static potential and a low Coefficient of Friction to prevent cosmetic abrasion of sensitive copper and oxidized surfaces
- **PACOGARD™** has built-in durability to provide multiple re-use



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AVAILABILITY

PACOGARD™ is available in custom-made sheet sizes, tooled to customer specifications. The complete line of Pacothane Technologies products is available from leading local Distributors Worldwide who offer “Just in Time” delivery from locally-available stocks.

Also from Pacothane® Technologies:

RELEASE PRODUCTS



PRESS PADS



CONFORMABLES



CONTAMINATION CONTROL



ULTRA HIGH TEMPERATURE



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