



TECHNICAL DATASHEET

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GEL-PROBE A/B DUAL CLEANING SHEET

MATERIAL AND USAGE OVERVIEW

Gel-Pak's Gel-Probe A/B sheet consists of an abrasive polishing area and a non-abrasive Gel-Probe REMOVE™ elastomer layer.

The A-side cleaning area is built with 3M 266X (pink) lapping film with 3um alumina abrasive particles. The material has tight particle distribution, a hard resin system coated onto a durable polyester film, and polishes with a consistent cut rate.

The B-side cleaning area is built with the Gel-Probe REMOVE™ engineered elastomer material. The elastomer layer is a proprietary non-abrasive, opaque Gel material. The REMOVE™ cleaning elastomer efficiently captures and removes loose debris, which accumulates on the probe tip, tip length, and electrical contact area of the tip during probing.

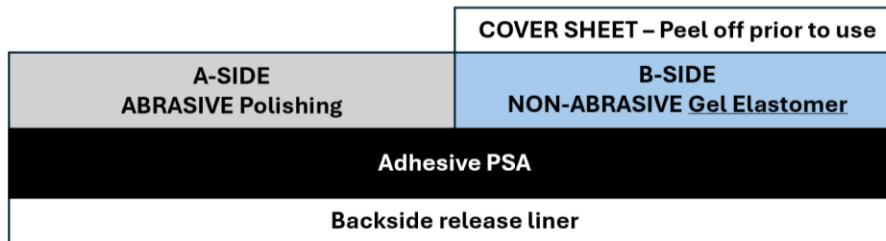
The cleaning Gel elastomer only exerts forces on the probes in the Z (vertical) direction, and the overall force is significantly less than that imparted under normal test conditions. No lateral force is applied to the probe tips during the z-up / z-down.

Gel-Probe REMOVE™ is not intended to eliminate embedded or bonded debris.

MATERIAL AND USAGE OVERVIEW

- Dual cleaning ability in one sheet
- Abrasive polishing area
- Non-abrasive gel-elastomer area
- Operating Temperature:
- Non-conductive, non-corrosive
- Does not transfer residue to probes or bond pads
- Nominal stack: 380 mm ± 20mm

CLEANING SHEET CROSS SECTION



Nominal stack height:
380 $\mu\text{m} \pm 20\mu\text{m}$