

# Fulflo® Slurry-Mate™ Filter Cartridges

■ Polypropylene

*Pleated Series*

## Maximize Planarization Yield with Slurry-Mate Filter Cartridges

Parker's Fulflo CMP Slurry-Mate Filter Cartridges provide uniform slurry delivery while optimizing the chemical mechanical planarization of wafer interlayer dielectric (ILD) and tungsten and copper metal layers. A unique proprietary melt blown media provides a particle classification effect, which improves service life while maintaining optimum polishing characteristics of alumina and silica based slurries.

Several particle classification matrices are available to match the wide range of CMP oxide and metal polishing slurries in recirculation and distribution loops as well as point-of-use CMP tools.

### Applications

<b>Oxide Polishing Slurries:</b>	<b>Metal Polishing Slurries:</b>
Point of Use	Point of Use
Distribution	Distribution
Recirculation Loop	Recirculation Loop



### Features and Benefits

- Classification matrix extends slurry life and maintains consistent slurry delivery.
- All polypropylene construction provides excellent compatibility for both acidic and basic slurries
- Sieve-like filtration matrix provides sharp particle size cutoff to remove only agglomerated particles causing wafer surface damage.
- Heavy duty construction handles rigors of CMP process fluid conditions
- Increase wafer yield by removing oversized, agglomerated or foreign particulate matter.
- Large surface area provides high flux rate.
- All polymeric construction is totally incinerable.
- Thermal bonding eliminates particle bypass.
- Parker's TQM system assures consistent performance
- Several classification matrices are available to accommodate wide range of polishing slurry formulations.
- Fits standard Fulflo and similar competitive filter vessels.

### Process Filtration Division

Bulletin C-2048 Effective 6/99

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