

# LiquiPro™ CO

## High Purity Hydrophilic PTFE Membrane Filters



**LiquiPro™ CO is a highly hydrophilic, high flow PTFE membrane with excellent particle removal and low extractables for electro-copper plating applications.**

LiquiPro™ CO is specially designed for LAM SABRE Tools.

### Features and Benefits

- LiquiPro™ CO is highly effective and economical in electro-copper plating applications. The proprietary PTFE membrane is non-interactive with plating chemistry. The E-grade extraction treatment ensures an extremely low level of organics and metallic contamination control to prevent pitting or poor adhesion. A high purity performance and reliable Cu plating processes is assured.
- The optimised PTFE high-flow, low pressure drop membrane provides sieving particle retention mechanisms.
- The highly hydrophilic surface can be used without prewetting to maximise process uptime, whilst reducing the potential for micro-bubble generation, in order to prevent streaks and other related defects.
- Certificate of quality enclosed with each product lot for quality assurance that ensures filter-to-filter and lot-to-lot performance.
- Fast rinse-up time as filters has been pre-flushed with Ultrapure DI water (18.2 Megaohm-cm, TOC less than 50 ppb).

### Typical Applications

- Electro-copper plating filtration.

### Performance Specifications

#### Pore size rating

0.05, 0.1 µm

#### Maximum differential pressure:

4.9 bar (71.1 psi) @ 25°C (77°F)  
2.2 bar (31.9 psi) @ 80°C (176°F)

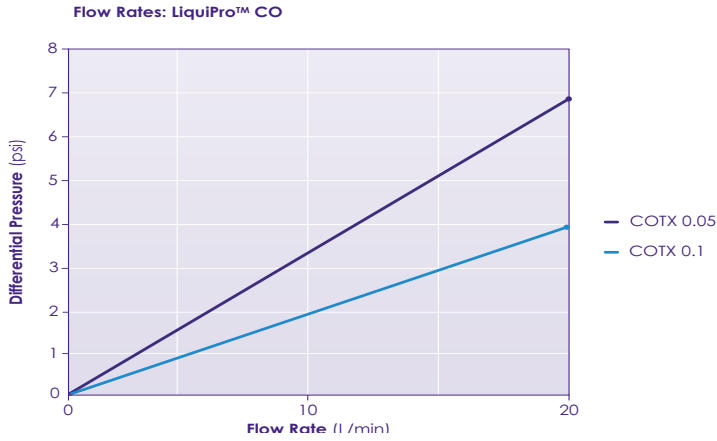
#### Compatibility and purity

Only HAPES membrane and 100% virgin polypropylene used. No binders, surfactants or adhesives used, to ensure compatibility with a broad range of solutions.

#### Materials of construction

Filter media:	PTFE hydrophilic membrane
Support:	Polypropylene (PP)
End caps:	Polypropylene (PP)
Core, cage:	Polypropylene (PP)
O-rings:	FEP Encap. FKM

**Flow Rates: LiquiPro™ CO**



\* Flow rate is for a 25.4 cm (10 in) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP).

**Ordering Information**

To form a part number, please choose one option from each column below.

Product Code: **1** **2** **3** **4** **5** **6** **7** **CO005ATE10K**

Product Name		Micron Rating		Adaptor code		Seals		Cleanliness		Length		Key Option	
CO	LiquiPro CO	005	0.05µm	A	222 / flat	T	E-FKM	E	E-Grade	10	10"	K	EZ Key compatible to use with ChemLock® cartridge housing
		010	0.1µm					U	Ultra High Purity (< 40ppb)				