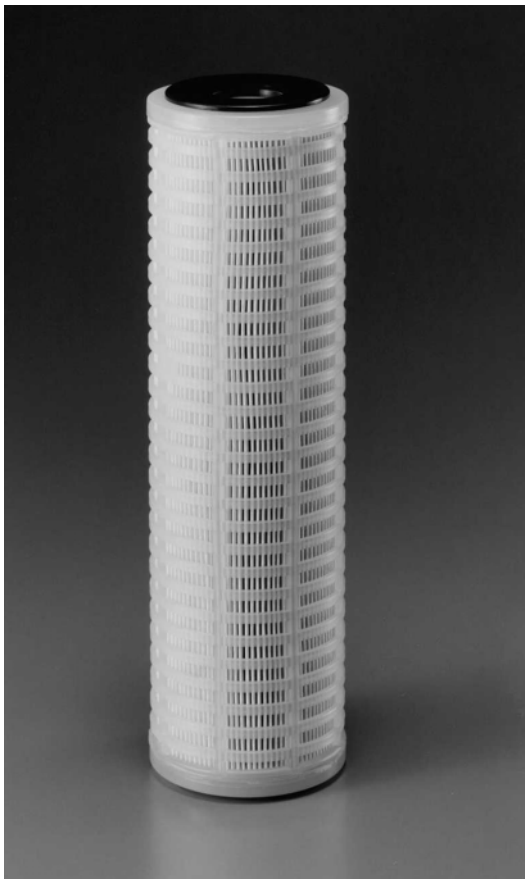
Mykrolis

# Processgard® CNE Cartridge Filters

*Ideal for prefiltration of D.I. water*

Product Profile



## Delivering Quality Performance

CNE high efficiency cartridge filters are widely used in chemical, electronic and semiconductor industries for D.I. water prefiltration at bulk and recirculation baths. The polybutylene telephathalate medium provides high particle removal efficiency.

### Superior Chemical Compatibility

The cartridge's 100% polypropylene support construction offers excellent chemical and heat resistance.

### Superior Manufacturing

- Manufactured in a world-class, ISO 9001 Quality Systems Standard facility.
- Manufactured, tested, and packaged in a cleanroom to ensure product cleanliness.
- Each filter is 100% integrity tested prior to shipment.

| Product Features | Product Benefits |
|---|---|
| Depth filter structure | Superior particle holding capability ensures long life over non depth filters |
| Strong construction of polypropylene supports | Polypropelene supports provide clean and durable performance |
| Available in a range of retention ratings, lengths, and manifold adapter codes | Superior retention of colloids and particles ensuring low particle counts in bulk DI water and chemical production |
| | Fits most commercially available housing |

# CNE Cartridge Filters - Ordering Information

| | |
|---|---|
| Materials | Membrane: PolyButylene Telephathalate |
| | Supports: Polypropylene core, sleeves and end caps |
| | O-rings: Ethylene propylene (EP) gasket, or Silicone O-ring |
| Membrane Area | CN03: 0.46 $m^2$<br>CN06: 0.46 $m^2$<br>CN12: 0.57 $m^2$<br>CN25: 0.46 $m^2$<br>CN50: 0.57 $m^2$ |
| Maximum Operating Temperature | 60 °C |

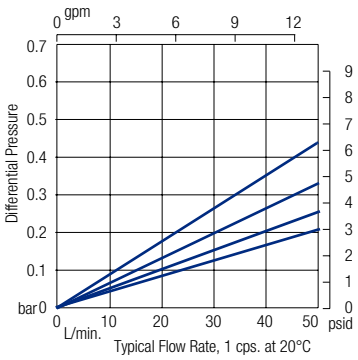
## Ordering Information

CN □ □ □ ES1

| Retention Rating | Cartridge Type | Length |
|---|---|---|
| 03 = 0.3 µm | F = Flat gasket | 1 = 10" |
| 06 = 0.6 µm | 0 = O-ring | 2 = 20" |
| 12 = 1.2 µm | Code 0 (2-222) | 3 = 30" |
| 25 = 2.5 µm | | |
| 50 = 5 µm | | |

## Particle Retention Efficiency

| | 0.6 µm | 1 µm | 3 µm | 5 µm |
|---|---|---|---|---|
| 0.3 µm | 99.7% | > 99.99% | - | - |
| 0.6 µm | 98% | > 99.99% | - | - |
| 1.2 µm | 88% | 99.9%S | > 99.99% | - |
| 2.5 µm | 78% | 99.5% | 99.9% | > 99.99% |




*Consult our applications specialists with any questions.*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