



DESCRIPTION

Purolator's **BIO-PRO Capsule-Clear 50** filter capsules (50 mm diameter) have been specially designed for simple, quick, and efficient filtration of fluids and gases used in laboratory, pilot, and small-scale applications. Eight different media options with ten fitting options can be placed in an all-polypropylene shell construction for excellent chemical compatibility. The small compact design of the filter capsule also reduces hold-up volume and minimizes exposure to hazardous chemicals. No adhesives, binders, or surfactants are used in the manufacturing process. The unit is thermally-sealed to insure integrity.

FEATURES AND BENEFITS

- Available fitting connections include hose barb, tube seal, luer lock, MNPT, FNPT, compression, and quick coupling.
- Effective filtration area of 2.5 in² (15.9 cm²).
- Capsules are manufactured from materials that conform to the requirements of 21CFR Part 177 of the U.S. Code of Federal Regulations.
- Nylon, PES, PTFE, Polypropylene Membrane, and Glass Microfiber comply with the USP Class VI Biological Test for Plastics.

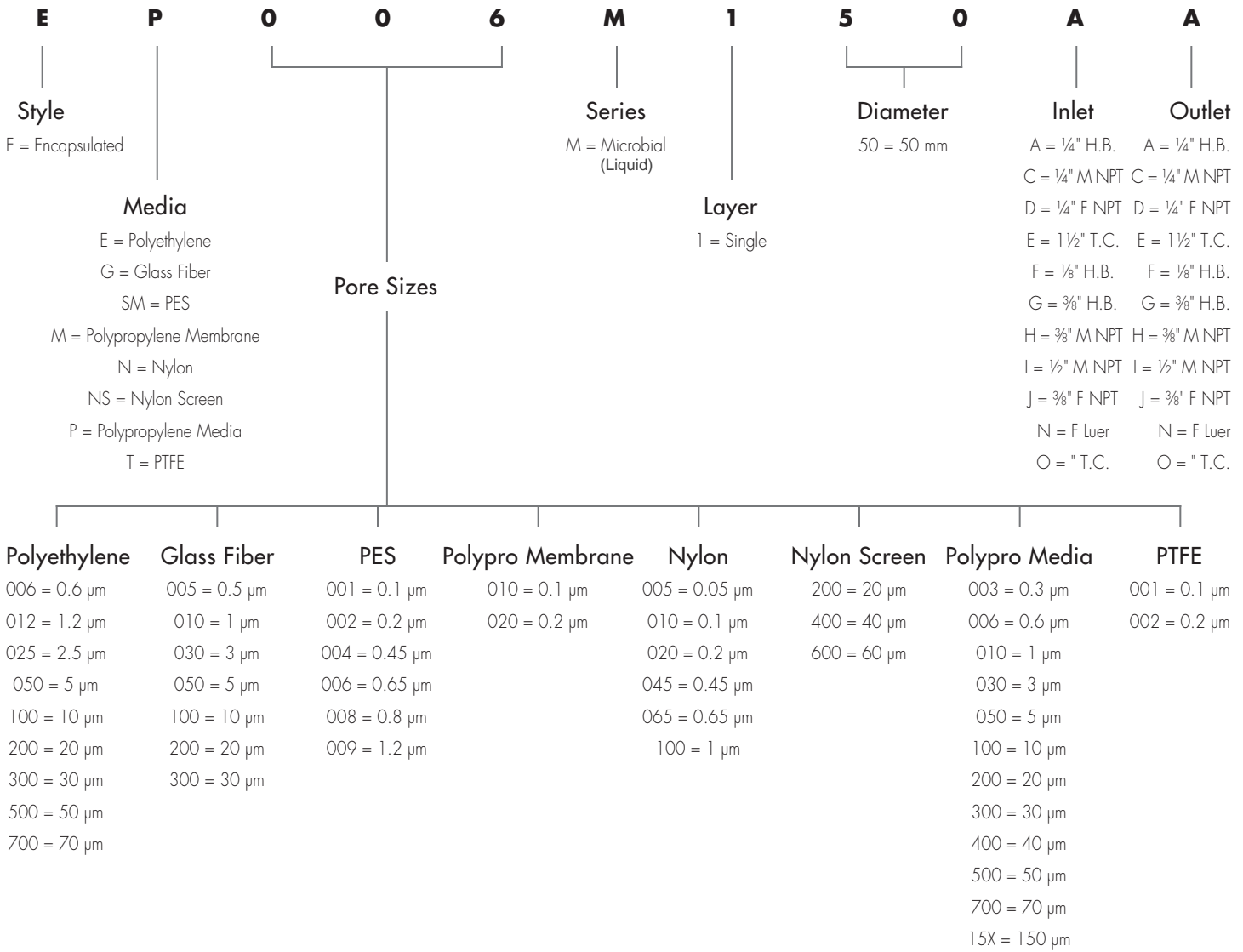
MATERIALS OF CONSTRUCTION

Membrane	Nylon, Nylon Screen, Polyethylene, PES, Polypropylene Membrane, Polypropylene Media, Glass Fiber and PTFE
Membrane Supports	Polypropylene
Capsule Body	Polypropylene

OPERATING CONDITIONS

Maximum Operating Temperature	140 °F (60 °C)
Maximum Differential Pressure	30 psid (2 bar)
Maximum Operating Pressure Liquid	60 psig (4 bar) 77 °F (25 °C)
Maximum Operating Pressure Gas	30 psig (2 bar) 77 °F (25 °C)

CAPSULE SELECTION GUIDE



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