**Technical Data Sheet – PolyPure-AB (PP Fiber)**

***Materials of Construction***

 **Filter Membrane:** Nano-Polypropylene Fiber

**Supports:** Polypropylene

 **Cage/End Caps:** Polypropylene

 **Core:** Polypropylene

 **Adaptor:** Polypropylene

**O-Rings:** Silicone, NBR, EPDM, Viton, TEV or TES

***Filter Dimensions***

**Outer Diameter:** 68.5 mm (2.70”)

**Inside Diamete**r: 33.0 mm (1.3”)

**Length:** 5”, 10”, 20”, 30” and 40”

**Filter Area:** >10” Long, 0.70 m2 (7.53 ft2); 20” Long, 1.4 m2 (15.06 ft2); 30” Long, 1.26 m2 (22.59 ft2); 40” Long, 1.68 m2 (30.12 ft2)

**Available Micron Ratings:** 0.2 µm. 0.45 µm, 1.0 µm, 3.0 µm, 5.0 µm, 10.0 µm, 25 µm or 30 µm

**Filtration Efficiency:** < 99.98% at the rated micron

***Operating Parameters***

 Maximum Operating Temperature: 2.4 bar (35.0 Psi) @ 82 oC (179.6 oF)

 Maximum differential Pressure (forward): 5.5 bar (80 Psi) @ 21 oC (70 oF)

 Maximum differential Pressure (forward): 3.4 bar (50 Psi) @ 66 oC (150 oF)

 Maximum differential Pressure (reverse): 2.1 bar (30.9 Psi) @ 25 oC (77 oF)

 Recommended Replacement Pressure: 2.4 bar (35.3 Psi)

***Regulatory***

 ASTM D6394 SP0112

 FDA 21 CFR 177.1655

 ISO 10993-Part 1. 5

 EN 285:2006+A2:2009.

 Regulation (EC) No 1935/2004

***Note: The Flow vs. Pressure Drop data can be found on the Literature***