Bellco Glass, Inc.
Specification Sheet
For Product #: 1965-51000

Description: Water Jacketed Micro Carrier Spinner Flask Complete
Micro Carrier Spinner Flask is designed for the efficient growth of suspension cultures and growth of cells on microcarrier beads. The flasks incorporate a fluid-dynamic impeller assembly to assure optimal lift of suspension cells or microcarrier beads at very low mixing speeds without damage to cells or beads. Micro Carrier Spinner Flask Complete consists of: Flask, Impeller Assembly, Glass Shaft, and Cap Assembly.

Flask Specifications [1965-51100]:
Material: Type 1 Class A Borosilicate Glass
Dimensions: 170mm OD x 260mm Overall Height
Two 45mm Sidearms angled 60° offset center
One 100mm Screw Thread Center Neck
Supply with: Two 45mm PP Blue Screw Caps & PP Blue Pouring Rings

Impeller Assembly Specifications [1965-31000]:
Impeller Assembly consists of impeller magnet, magnet holder, paddle & silicone plug.
Impeller magnet: PTFE coated magnet, 76.2mm long x 12.1mm OD
Magnet Holder: PTFE, 177.8mm long x 19.1mm OD
Impeller Paddle: PTFE, 108.0mm W x 44.5mm H x 0.8mm thick
Silicone Plug: White Silicone, 11.1mm OD x 7.9mm long

Glass Shaft Specifications [1969-71000]:
Material: Type 1 Class A Borosilicate Glass
Dimensions: 7mm OD x 230mm long

Cap Assembly Specifications [1965-90100]:
Cap Assembly consists of screw cap, liner & compression fitting.
100mm PP Screw Blue Cap: 107.9mm OD x 22.2mm tall with 16.3mm hole
100mm White Silicone Liner: 96.8mm OD x 3.2mm thick with 15.9mm hole
Compression Fitting: Black PP fitting to accept 7mm OD Glass Shaft

The information contained in this specification sheet we believe is correct to the best of our knowledge. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.