

Bio-Pak® Small Volume

Scalable Storage Containers

- Designed for bioprocessing applications, storage, and transport of sterile fluids
- Bags with optimized film clarity and gas barrier properties
- Validation guide and extractable report available upon request

Benefits

- DEHP-free materials
- Scalable configurations from 50 mL to 20 L
- Component materials meet Class VI biocompatibility standards
- Boat port and bag designed to minimize hold-up volume
- Derived from animal-free components



SV5L844N

Standard Applications

- Scale-up preparation
- Fill and finish applications
- Containment of sterile solutions used in laboratory or manufacturing settings

Customizable Options

- Custom design solutions available for tubing lengths, materials, and connectors
- Variety of boat port configurations available

Ordering Information

Catalog #	Description	Case Qty
SV50ML444	50 mL Bio-Pak® Small Volume Bag 444	30
SV50ML44	50 mL Bio-Pak® Small Volume Bag 44	30
SV500ML444	500 mL Bio-Pak® Small Volume Bag 444	20
SV500ML44	500 mL Bio-Pak® Small Volume Bag 44	20
SV500ML44C	500 mL Bio-Pak® Small Volume Bag with C-Flex® Tubing	20
SV1L444	1 L Bio-Pak® Small Volume Bag 444	20
SV1L44	1 L Bio-Pak® Small Volume Bag 44	20
SV2L444	2 L Bio-Pak® Small Volume Bag 444	20
SV2L44	2 L Bio-Pak® Small Volume Bag 44	20
SV5L8844P	5 L Bio-Pak® Small Volume Bag 8844P	15
SV5L8844N	5 L Bio-Pak® Small Volume Bag 8844N	15
SV5L6644P	5 L Bio-Pak® Small Volume Bag 6644P	15
SV5L6644N	5 L Bio-Pak® Small Volume Bag 6644N	15
SV5L844P	5 L Bio-Pak® Small Volume Bag 844P	15
SV5L844N	5 L Bio-Pak® Small Volume Bag 844N	15

Catalog #	Description	Case Qty
SV10L8844P	10 L Bio-Pak® Small Volume Bag 8844P	15
SV10L8844N	10 L Bio-Pak® Small Volume Bag 8844N	15
SV10L6644P	10 L Bio-Pak® Small Volume Bag 6644P	15
SV10L6644N	10 L Bio-Pak® Small Volume Bag 6644N	15
SV10L844P	10 L Bio-Pak® Small Volume Bag 844P	15
SV10L844N	10 L Bio-Pak® Small Volume Bag 844N	15
SV20L8844P	20 L Bio-Pak® Small Volume Bag 8844P	15
SV20L8844N	20 L Bio-Pak® Small Volume Bag 8844N	15
SV20L6644P	20 L Bio-Pak® Small Volume Bag 6644P	15
SV20L6644N	20 L Bio-Pak® Small Volume Bag 6644N	15
SV20L844P	20 L Bio-Pak® Small Volume Bag 844P	15
SV20L844N	20 L Bio-Pak® Small Volume Bag 844N	15

Physical Test Data (post gamma irradiation)

Property	Test Protocol	Average Value
Tensile Strength (psi)	ASTM D882	1,900
Yield Strength (psi)	ASTM D882	1,200
Elongation at Break (%)	ASTM D882	460
Elastic Modulus (psi)	ASTM D882	39,000
Tear Resistance (lb)	ASTM D1004	5.25
Penetration Resistance (in.lb)	ASTM F1306	4.94
O ₂ Transmission Rate (mL/100in ² -day-atm)	ASTM D3985	<0.003
CO ₂ Transmission Rate (mL/100in ² -day-atm)	ASTM F2476	<0.01
Moisture Vapor Transmission Rate (g/100in ² -day)	ASTM F1249	0.021
Clarity (%)	ASTM D1003	97
Haze (%)	ASTM D1003	7
Transmittance (%)	ASTM D1003	93
Operating Range (°C)		-80 to 50

Biocompatibility Test Data (post gamma irradiation)

Property	Test Protocol	Value
USP Class VI	USP <88>	Pass
Cytotoxicity	USP <87>	Pass
Bacterial Endotoxin	USP <85>	Pass
Heavy Metals	USP <661>	Pass
Buffering Capacity	USP <661>	< 1 mL
Non-volatile Residue (NVR)	USP <661>	< 1 mg
Residue on Ignition	USP <661>	Pass
Appearance	EP <3.1.5>	Pass
Acidity and Alkalinity	EP <3.1.5>	Pass
Absorbance	EP <3.1.5> 0.01	Pass
Reducing Substances	EP <3.1.5> 0.02 mL	Pass
Local Effects After Implantation	ISO 10993-6	Pass
Irritation and Delayed-type Sensitivity	ISO 10993-10	Pass
Systemic Toxicity	ISO 10993-11	Pass
Particulates	USP <788>	Pass

Gamma Irradiation Level: Minimum 25 kGy



SV50ML44

Contact us today at www.chartermedical.com

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