

# 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 <sub>2</sub> Transmission Rate (mL/100in <sup>2</sup> /day/atm)	ASTM D3985	<0.003
CO <sub>2</sub> Transmission Rate (mL/100in <sup>2</sup> /day/atm)	ASTM F2476	<0.01
Moisture Vapor Transmission Rate (g/100in <sup>2</sup> /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](http://www.chartermedical.com)

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