

KryoSure® Cryopreservation Bags



DESCRIPTION:

Saint-Gobain KryoSure® cryopreservation bags safely freeze and protect biologics at temperatures down to, and even beyond, liquid nitrogen temperatures (-196°C). The bags are designed as a closed system for freezing, thawing, and transfer of sterile contents. All KryoSure bags are made from the highest quality USP Class VI fluorinated ethylene propylene (FEP) material.

APPLICATION:

Cryopreservation bags designed as a closed system for freezing, thawing, and transfer of sterile contents.

FEATURES AND BENEFITS:

- [Full Extractables Report per BioPhorum Operations Group \(BPOG\) Protocol](#)
- [Technical Dossier Available](#)
- High purity
- Closed system
- Extreme Operating Temperature Range
- Chemical and Biologically Inert
- Transparent

KryoSure® Cryopreservation Bag Standard Ports & Tubing

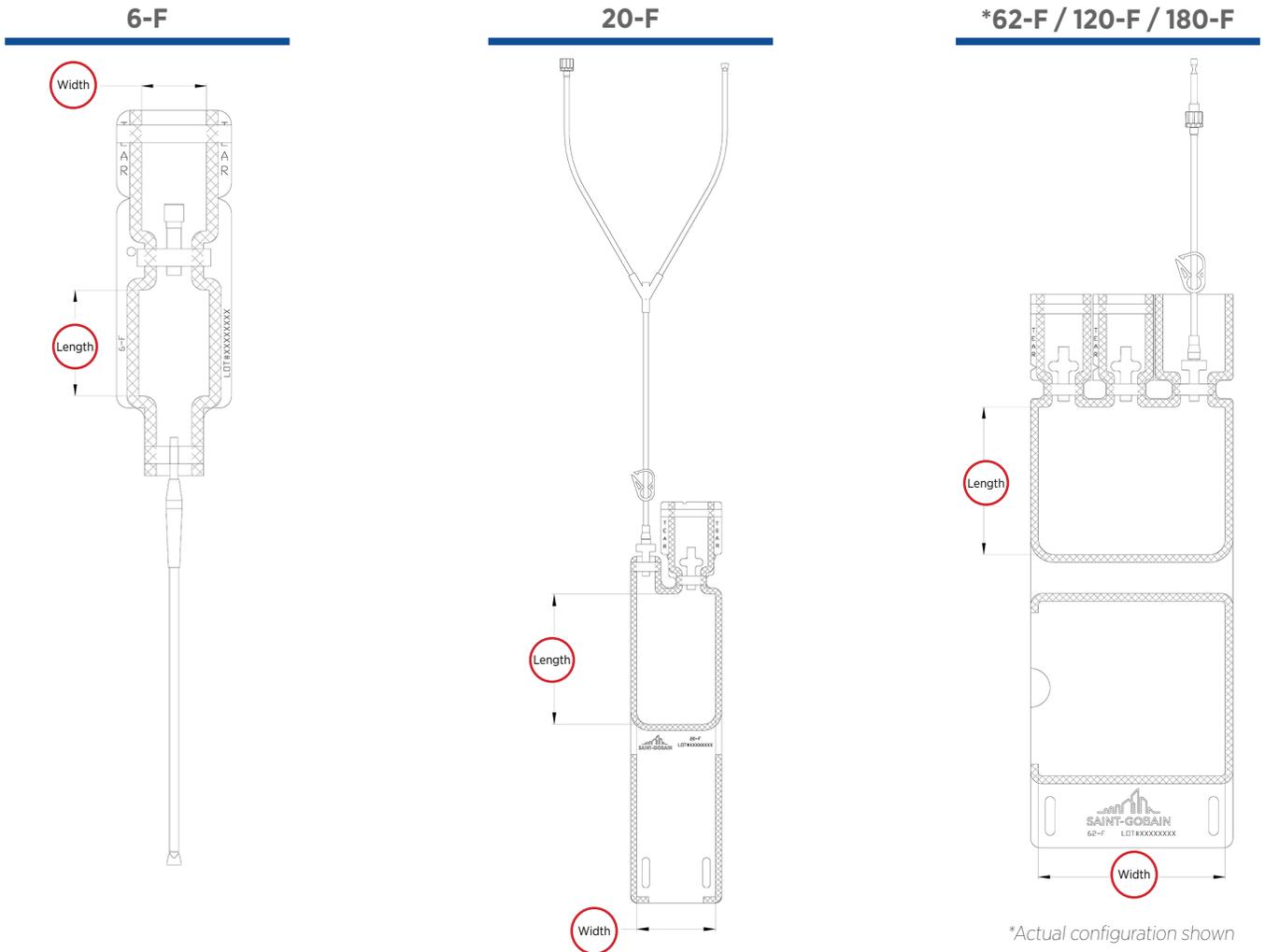
Product	Component Description	Material	Length/Size
6-F	Film	5 Mil FEP	See KryoSure® Bag Size Specifications Chart
	Injection Port	FEP / polyisoprene	1.20" (30.5mm)
	Hose Barb Port	FEP	For 0.125" (3.2mm) tubing
	Tubing	PVC	5.9" Length (150mm); 3mm ID x 4mm OD
	Shrink Tube	Polyolefin	1.50" (38.1mm)
	Retaining Ring	FEP	0.125" Length (3.2mm); 0.125" ID x 0.250" OD
20-F	Film	5 Mil FEP	See KryoSure® Bag Size Specifications Chart
	Spike Port	FEP	0.204" (5.2mm) ID
	Tubing	PVC	21.75" Overall Length (552.45mm); 3mm ID x 4mm OD
	Hose Barb Port	FEP	For 0.125" (3.2mm) tubing
	Retaining Ring	FEP	0.125" Length (3.2mm); 0.188" ID x 0.250" OD
	3-Way Solvent Bond Y	PVC	0.161" (4.1mm) OD socket joints
	Non-Vented White Luer Cap	PVDF	0.45" Width
	Small Pinch Clamp	PP	For up to .25" (6.3mm) OD Tubing
62-F, 120-F, 180-F	Film	5 Mil FEP	See KryoSure® Bag Size Specifications Chart
	Hose Barb Port*	FEP	Only in 62-F = For 0.125" (3.2mm) tubing
	Female Luer Port	FEP	Female Luer w/ ears
	Male Luer Barb Connector	PVDF	Male Luer w/ Barb for 0.125" (3.2mm) ID Tubing
	Spike Port with Port Pocket (Qty. 2)	FEP	0.204" (5.2mm) ID
	Tubing	PVC	8.50" Overall Length (215.9mm); 3mm ID x 4mm OD
	Female Luer Barb Connector	PVDF	Female Luer w/ Barb for 0.125" (3.2mm) ID Tubing
	Retaining Ring (what is this - item 6 on BOM)	FEP	0.125" Length (3.2mm); 0.188" ID x 0.250" OD
	Small Pinch Clamp	PP	For up to .25" (6.3mm) OD Tubing

*62-F Only
Measurements are for reference only

KryoSure® Cryopreservation Bag Size Specifications

Product	Recommended Process Volume	*Approximate Maximum Fill Volume	Inner Bag Length in (cm)	Inner Bag Width in (cm)	Approximate Surface Area (x2 Bag Face)
6-F	6 mL	7 mL	2" (5.1)	1.1" (2.8)	28 cm ²
20-F	20 mL	55 mL	4.3" (10.9)	2.6" (6.6)	144 cm ²
62-F	62 mL	250 mL	3.8" (9.7)	4.8" (12.2)	235 cm ²
120-F	120 mL	480 mL	6.1" (15.5)	4.6" (11.7)	362 cm ²
180-F	180 mL	625 mL	7.6" (19.3)	4.6" (11.7)	451 cm ²

*The maximum fill volume is a calculated value for the theoretical maximum volume based on the bag dimensions. There is no data supporting usage at this volume. The recommended process volume for cell culture is provided to achieve the optimal 1 cm height when the bag is lying flat. Using a volume above the recommended process volume has not been studied.



*Actual configuration shown

ORDERING INFORMATION:

Normally not stocked, built to order Sold as 10 individually packaged sterile bags per pack.

Saint-Gobain Life Sciences:

50 W Watkins Mill Rd
Gaithersburg, MD 20878

Customers should validate this product for their specific application

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Life Sciences products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Life Sciences assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Life Sciences warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price there of.

SAINT-GOBAIN LIFE SCIENCES DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.