

ISO9001 & ISO13485 & ISO11137

Product Name:	2D Cryogenic Tubes
Product Application:	Ideal for cryopreservation of cells and other samples. It can withstand
	temperatures as low as -196°C.
	They can be used with Biobank system.
Product Materials:	PP(tube) + PP、TPE(cap)
	meets USP, Class VI standards.
Product Specifications:	Temperature range: stored at room temperature
	Shelf life: 5 Years after date of production (provided that the packaging remains in good
	condition)
Sterilization:	Yes.
	Sterilized by E-beam, Sterility Assurance Level: SAL=10 ⁻⁶ . The product has been
	irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137
Pyrogens:	Non-Pyrogenic
RNase/DNase:	DNase/RNase free
BSE/TSE:	These products are deemed animal free.
Performance Testing:	Each manufacturing lot is sampled and tested in accordance with standard operating
	procedures.
	Appearance inspection: qualified Sealing test: qualified
	Freeze test: qualified Packaging inspection: qualified
Features	1. Temperature resistance range: -196°C to 121°C, can go through -196°C, -80°C,
	100°C repeatedly freeze and thaw.
	2. It is autoclavable.
	3. The soft rubber ring and the cap are moulded in one piece, ensuring better
	performance.
	4. The cap is designed with an "Eight-petal Plum" pattern to fit the automatic decapper.
	5. The bottom of the laser etched permanent two-dimensional code, not easy to fall off,
	easier to read the information.
Warning	1. Cryogenic tubes are typically stored in the gas phase of liquid nitrogen. If they are
	stored in the liquid phase of liquid nitrogen, they must be allowed to equilibrate in the
	gas phase for a specific period of time after removal. This step is crucial before any
	subsequent procedures can be performed.
	2. Ensure to utilize proper safety gear when extracting tubes from cryogenic storage.

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DATA SHEET



Product Range

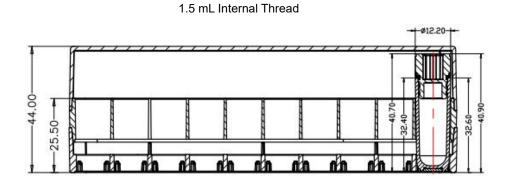
Cat. No.	Product Description	/Pack	/Case	Compatible CapInserts No.
606852	1.5 mL Internal Thread	100	1400	61120x series
607352	1.8 mL Internal Thread	100	1200	61120x series
608352	4.0 mL Internal Thread	100	800	61120x series
609352	5.0 mL Internal Thread	100	600	61120x series
606952	1.5 mL External Thread	100	1400	61120x series
607452	2.0 mL External Thread	100	1200	61120x series
608452	4.0 mL External Thread	100	800	61120x series
609452	5.0 mL External Thread	100	600	61120x series
612891	2.0 mL External Thread (SBS)	48	480	61120x series
614591	4.0 mL External Thread (SBS)	48	480	61120x series

2D Cryogenic Tubes, Racked





Technical Drawing

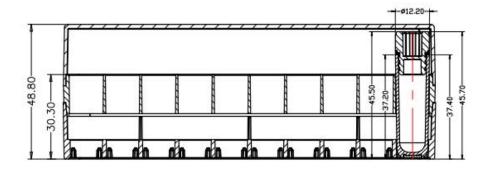


AI	NEST A2	A3	A4	A5	<mark>A</mark> 6	A 7	A8	A9	Al
B1	B2	B3	B4	B5	В6	B7	B8	B9	BI
CI	C2	C3	C4	C5	C6	C7	C 8	C9	C1
	1 D2	D3		D5	D6	D7	D8	D9	D10
El	E2	E3	E4	E5	E6	E7	E8	E9	E10
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
U GI	G2	G3	G4	G5	G6	G7	G8	G9	G10
HI	H2	H3	H4	H5	H6	H7	H8	H9	HI
11	12	13	<u>I4</u>	15	<u>I6</u>	17	18	19	110
J1	_{J2}	J3	J4	J5	<u>J6</u>	J7	J8	J9	_{л(}

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1.8 mL Internal Thread



	EST		a	<u> </u>		P		4.0	
A1	A2	A3	A4	A5	A6	A7	A8	A9	
Bl	B2	B3	B4	B5	B6	B7	B 8	B 9	В
C1	C2	C3	C4	C5	C6	C7	C8	C9	
	D2	D3	D4	D5	D6	D7	D8	D9	D10
El	E2	E3	E4	E5	E6	E7	E8	E9	E10
Fl	F2	F3	F4	F5	F6	F7	F8	F9	F10
U _{GI}	G2	G3	G4	G5	G6	G7	G8	G 9	G10
H1	H2	H3	H4	H5	H6	H7	H8	H9	Н
11	12	13	I4	15	16	17	18	I 9	1
J1	J2	J3	J4	J5	J6	J7	J8		_{J1}

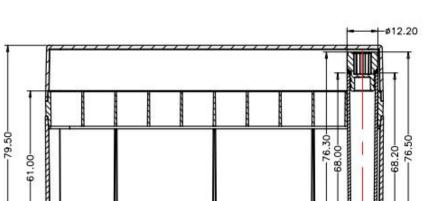
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4.0 mL Internal Thread

1		EST			<u> </u>	<u> </u>				
	A1	A2	A3	A4	A5	<u>A6</u>	A7	A8	A9	A1
	BI	B2	B 3	B4	B5	B6	B7	B8	B 9	BI
	C1	C2	C3	C4	C5	C6	C7	C8	C9	C 1
		D2	D3	D4	D5	D6	D7	D8	D9	p10
	El	E2	E3	E4	E5	E6	E7	E8	E9	E10
	F1	F2	F3	F4	F5	F6	F7	F 8	F9	F10
ŀ	G 1	G2	G3	G4	G5	G 6	G7	G8	G9	G10
	H1	H2	H3	H4	H5	H6	H7	H8	H9	н
	11	12	13	I 4	15	<u>16</u>	17	18	19	11
		J2	J3	J 4	J5	J6	J7	J8	J9	_{J1}

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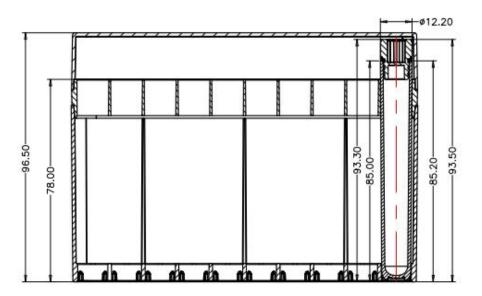
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5.0 mL Internal Thread



AI	A2	A3	A4	A5	A6	A7	A8	A9	A
B1	B2	B3	B4	B5	B6	B7	B8	B9	B
C1	C2	C3	C4	C5	C6	C7	C8	C9	
D ⁻	D2	D3	D4	D5	D6		D8	D9	D10
El	E2	E3	E4	E5	E6	E7	E8	E9	E10
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
U G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
H1	H2	H3	H4	H5	H6	H7	H8	H9	н
11	12	13	I4	15	16	17	18	19	11
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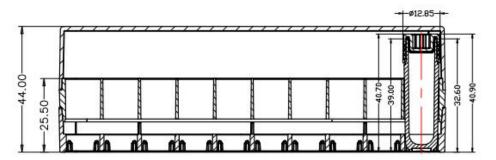
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1.5 mL External Thread



Al	EST A2	A3					A8	A9	1
_			A4	A5	A6	A7			-
B1	B2	B3	B4	B5	B6	B7	B 8	B 9	1
C1	C2	C3	C4	C5	C6	C7	C8	C9	0
	D2	D3	D4	D5	D6	D7	D8	D9	DI
El	E2	E3	E4	E5	E6	E7	E8	E9	EI
F1	F2	F3	F4	F5	F6	F7	F8	F9	F1
U G1	G2	G3	G4	G5	G6	G7	G8	G9	GI
HI	H2	Н3	H4	H5	H6	H7	H8	H9	ŀ
11	12	13	I4	15	16	17	18	19	
J1		J3	J4	J5	J6	J7	J8	J 9	1

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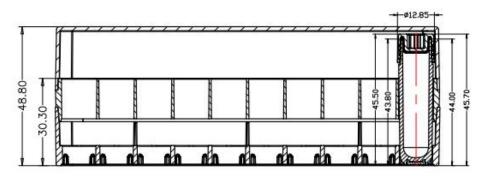
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2.0 mL External Thread



	EST				_	0			
Al	A2	A3	A4	A5	A6	A7	A8	A9	A
Bl	B2	B3	B4	B 5	B6	B7	B8	B9	B
C1	C2	C3	C4		C6	C7	C8	C9	C
		D3	D4	D5	D6		D8	D9	D10
E1	E2	E3	E4	E5	E6	E7	E8	E9	E10
F1	F2	F3	F4	F5	F6		F 8	F9	F10
	G2	G3	G4	G5	G6	G7	G8	G9	G10
H1	H2	НЗ	H4	H5	H6	H7	H8	Н9	Н
11	12	13	14	15	16	17	18	19	1
J1	J2	J3	J4	J5	J6	J7	J8	J9	۱ _J

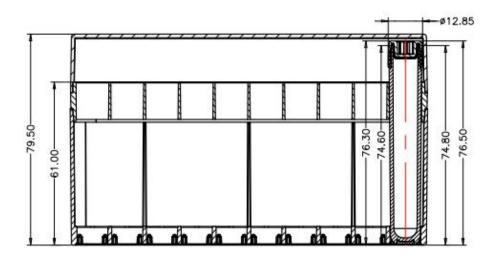
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4.0 mL External Thread



Al	A2	A3	A4	A5	A6		A8	A9	A
B1	B2	B3	 B4	B5	B6	B7	B 8	B9	В
<u>C1</u>	C2	C3	C4	C5	C6	C7	C8	C9	c
D D1	D2	D3	D4	D5	D6	D7	D8	D9	p10
E1	E2	E3	E4	E5	E6	E7	E8	E9	E10
F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
U GI	G2	G3	G4	G5	G6	G7	G8	G9	G10
HI	H2	H3	H4	H5	H6	H7	H8	H9	Н
11	12	13	14	15	16	17	18	19	1
J1	J2	J3	J4	J5	J6	J7	J8	J9	۱,

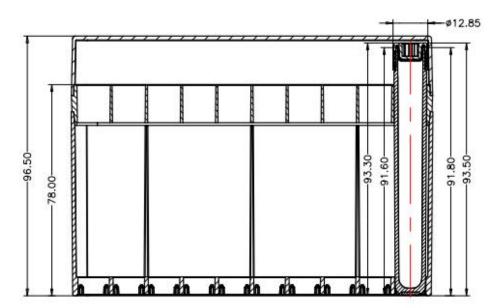
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5.0 mL External Thread



AI	N	EST A2	A3	0				A8	A9	A
-	-!			A4		A6	A7			
BI		B2	B3	B4	B5	B6	B7	B8	B9	B
CI		C2	C3	C4	C5	C6	C7	C8	C9	CI
מ	51	D2	D3	D4	D5	D6	D7	D8	D9	D10
E	1	E2	E3	E4	E5	E6	E7	E8	E9	E10
F	1	F2	F3	F4	F5	F6	F 7	F8	F9	F10
0	1	G2	G3	G4	G5	G6	G7	G8	G9	G10
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