


Superspeed Rotors

Thermo Scientific Fiberlite F21-8x50y Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Carbon Fiber Composite
Capacity	8 x 50 mL
Maximum Speed	20,000 rpm
Tube Dimensions Ø x L	29 x 115 mm
Angle	34°
K Factor	744
Net Weight	4.8 kg/10.5 lbs
Warranty	15 years
Certifications	

	RCF	RADIUS
Maximum	47,850 x g	107 mm
Minimum	14,758 x g	33 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
Fiberlite F21-8x50y	Max. Speed	20,000 rpm	18,000 rpm
	Max. RCF	47,850 x g	38,759 x g

Fiberlite F21-8x50y Rotor Package includes:

Description	Cat. No.
Fiberlite F21-8x50y Rotor	096-084275
50 mL Nalgene PPCO Oak Ridge Tube with Sealing Cap (qty. 8)	3139-0050
Rotor Lid Assembly	099-084275
O-Ring Refresher Kit ¹	021-084275

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ² (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	46.0	Nalgene™ PC Oak Ridge Tube	3138-0050	50	8	20,000	47,850	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene PPCO Oak Ridge Tube	3139-0050	50	8	20,000	47,850	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene PSF Oak Ridge Tube	3137-0050	50	8	20,000	47,850	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene FEP Oak Ridge Tube	3114-0050	10	8	20,000	47,850	29 x 108	Closure	Included	10	ETFE Screw Cap
30.0	30.0	Nalgene PC Oak Ridge Tube	3138-0030	50	8	20,000	47,850	26 x 102	Closure Adapter	Included 010-0167	50 2	PP Sealing 1 place/adaptor

 Biocontainment certification by the Public Health England, Porton Down, UK.

¹ Includes 5 O-Rings and 3 O-Ring Grease Packets.

Refer to manufacturer's recommendations for product performance information.

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ² (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
30.0	30.0	Nalgene PPCO Oak Ridge Tube	3139-0030	50	8	20,000	47,850	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-0167	2	1 place/adapter
30.0	30.0	Nalgene PSF Oak Ridge Tube	3137-0030	50	8	20,000	47,850	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-0167	2	1 place/adapter
30.0	30.0	Nalgene FEP Oak Ridge Tube	3114-0030	10	8	20,000	47,850	26 x 102	Closure Adapter	Included	10	ETFE Screw Cap
										010-0167	2	1 place/adapter
16.0	16.0	Nalgene PC Oak Ridge Tube	3138-0016	50	8	20,000	47,850	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-0382	2	1 place/adapter
16.0	16.0	Nalgene PPCO Oak Ridge Tube	3139-0016	50	8	20,000	47,850	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-0382	2	1 place/adapter
15.0	–	Corning™ Disposable Conical Tube ³	–	–	8	–	–	–	Adapter	010-1123	2	1 place/adapter
15.0	–	Falcon™ Disposable Conical Tube ³	–	–	8	–	–	–	Adapter	010-1123	2	1 place/adapter
14.0	11.0	PC Flanged Tube	03246	50	8	20,000	47,850	18 x 75	Closure Adapter	03269	50	PP Snap-on
										75003025	2	1 place/adapter
10.0	8.0	Nalgene PPCO Oak Ridge Tube	3139-0010	50	8	20,000	47,850	16 x 82	Closure Adapter	Included	50	PP Sealing
										010-1306	2	1 place/adapter
10.0	8.0	Nalgene PC Oak Ridge Tube	3138-0010	50	8	20,000	47,850	16 x 82	Closure Adapter	Included	50	PP Sealing
										010-1306	2	1 place/adapter
10.0	–	BD Vacutainer™ Tube	–	–	8	–	–	16 x 100	Adapter	010-1068	2	1 place/adapter
4.0	3.0	PP Flanged Tube	03105	50	16	20,000	47,850	11 x 75	Closure Adapter	03264	50	PP Snap-On
										75003023	1	2 places/adapter
4.0	3.0	PC Flanged Tube	03104	50	16	20,000	47,850	11 x 75	Closure Adapter	03264	50	PP Snap-On
										75003023	1	2 places/adapter
3.0	–	BD Vacutainer Tube	–	–	8	–	–	10 x 64	Adapter	010-1128	2	1 place/adapter
1.0	–	BD Microtainer™ Tube	–	–	24	–	–	8 x 48	Adapter	010-1127	2	3 places/adapter

³Listed Max Speeds for Conical Disposable tubes may be higher than OEM tube specifications and may result in crazing and other cosmetic damage to the tube. Do not use these tubes more than once. Refer to manufacturer's recommendations for product performance information.

Find out more at thermofisher.com/rotors

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