

Superspeed Rotors

Thermo Scientific Fiberlite F21-8x50y Rotor

F21-8x50y



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Carbon Fiber Composite
Capacity	8 x 50 mL
Maximum Speed	21,000 rpm
Tube Dimensions Ø x L	29 x 115 mm
Angle	34°
K Factor	669.0
Net Weight	4.49 kg/9.9 lbs
Warranty	15 years
Certifications ¹	⚠

	RCF	RADIUS
Maximum	52,400 xg	106.0 mm
Minimum	16,299 xg	33.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

SORVALL RC-6 Plus/Evolution RC/ RC-6/RC-5/RC-26/RC-2 Series

Fiberlite F21-8x50y	Cat. No.	46923
	Max. Speed	20,000 rpm
	Max. RCF	47,500 xg
	Sample Containment ²	⚠ ELC

Fiberlite F21-8x50y Rotor Package includes:

Rotor Lid Assembly	099-084018
O-ring Refresher Kit ³	021-084018

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	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	52,400	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene PPCO Oak Ridge Tube	3139-0050	50	8	20,000	52,400	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene PSF Oak Ridge Tube	3137-0050	50	8	20,000	52,400	29 x 115	Closure	Included	50	PP Sealing
50.0	46.0	Nalgene FEP Oak Ridge Tube	3114-0050	10	8	20,000	52,400	29 x 108	Closure	Included	10	ETFE Screw Cap
30.0	30.0	Nalgene PC Oak Ridge Tube	3138-0030	50	8	20,000	52,400	26 x 102	Closure Adapter	Included	50 2	PP Sealing 1 place/adaptor

PERFECT FIT: FREE SET OF NALGENE PRODUCTS INCLUDED WITH ROTOR PURCHASE

¹ Certifications vary by rotor model.

² Sample containment may vary by rotor. ELC denotes Enhanced Liquid Containment. ⚠ denotes biocontainment certification by the Public Health Laboratory Service, Centre for Applied Microbiological Research, Porton Down, UK, shown to be suitable for use with materials up to ACDP Category 3 as categorized by the Advisory Committee on Dangerous Pathogens.

³ Includes 5 O-rings, 3 O-ring Grease Packets and 4 oz FiberClene Lab Cleaner (017-0024).

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	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	52,400	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	52,400	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	52,400	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	3139-0016	50	8	20,000	52,400	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-0382	2	1 place/adapter
16.0	16.0	Nalgene PPCO Oak Ridge Tube	3138-0016	50	8	20,000	52,400	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-0382	2	1 place/adapter
15.0	–	Corning® Disposable Conical Tube ⁴	–	–	8	–	–	–	Adapter	010-1123	2	1 place/adapter
15.0	–	BD Falcon® Disposable Conical Tube ⁴	–	–	8	–	–	–	Adapter	010-1123	2	1 place/adapter
10.0	8.0	Nalgene PPCO Oak Ridge Tube	3139-0010	50	8	20,000	52,400	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	52,400	16 x 82	Closure Adapter	Included	50	PP Sealing
										010-1306	2	1 place/adapter
10.0	–	Vacutainer® Tube ⁴	–	–	8	–	–	16 x 100	Adapter	010-1068	2	1 place/adapter
3.0	–	Vacutainer Tube ⁴	–	–	8	–	–	10 x 64	Adapter	010-1128	2	1 place/adapter
1.0	–	Microtainer® Tube ⁴	–	–	24	–	–	8 x 48	Adapter	010-1127	2	3 places/adapter

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⁴Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

Note: Thermo Scientific Sorvall RC-6 Plus centrifuges manufactured prior to March 2009 may require software upgrade 314295G01 (NA) or HKKS308102E (Europe and Asia Pacific).

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