

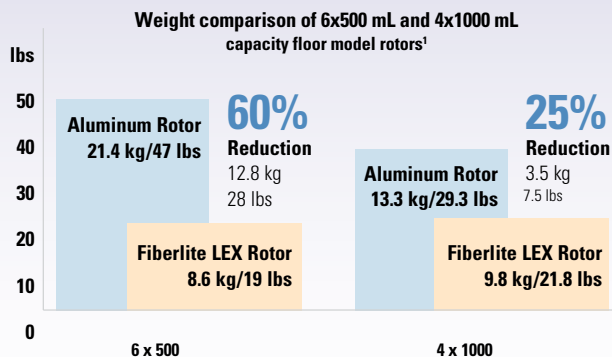
Superior ergonomics

with exceptional performance and safety.

Introducing new Thermo Scientific Fiberlite carbon fiber rotor technology, available for Thermo Scientific Sorvall RC 6 Plus and Sorvall Evolution RC centrifuges. The Fiberlite® F10-4x1000 LEX and Fiberlite F12-6x500 LEX rotors are the next generation of carbon fiber rotor design for large capacity needs, combining even lower mass with low kinetic energy to deliver superior ergonomics with outstanding performance and safety.



Figure 1. Lower weight advantage of Fiberlite LEX rotor



Carbon Fiber Rotor Advantage

- Enhanced productivity: Reduce run-times with higher G-forces with our lightweight carbon fiber rotors.
- Unequalled durability: Corrosion- and fatigue-resistant design ensures structural integrity.
- Secure investment: Backed by a 15-year warranty.
- Compatible with Thermo Scientific Nalgene bottles and tubes for complete centrifuge solutions.

Superior Ergonomics

Fiberlite LEX rotors take the lightweight design of carbon fiber to a whole new level. These rotors are the lightest of their kind – up to 60% lighter than metallic rotors¹, and up to 32% lighter than the previous generation of carbon fiber rotors – with improved ergonomics for everyday ease of handling (see Figure 1).

Exceptional Performance

The new Fiberlite LEX rotor series provides outstanding RCF performance for enhanced productivity – up to 24,515 xg with the Fiberlite F12-6x500 LEX rotor and up to 16,880 xg with the Fiberlite F10-4x1000 LEX rotor – all of which equates to saving time.

Highest Safety

From sample protection with advanced sealing properties, to safety of equipment and lab personnel with the rotor's lifting handle, Fiberlite LEX rotors are the top choice for a safe work environment.



Available for Thermo Scientific Sorvall RC 6 Plus (left) and Sorvall Evolution RC (right) Superspeed centrifuges.

The latest innovation in high capacity carbon fiber rotors

In today's biomedical and microbiological laboratories, containment of biological agents and infectious substances are an essential element in maintaining a safe environment. Fiberlite LEX rotors provide multiple levels of protection to enhance biosafety without compromising functionality or convenience.

- 1) **Bioseal Stamped:** Certified by the HPA, Porton Down, UK (formerly CAMR) 
- 2) **ELC Containment:** In the event of a bottle failure, prevent biohazardous samples from escaping with Enhanced Liquid Containment (ELC)
- 3) **Dual-Locking Lid:** Rotor can remain sealed while being carried to a biocontainment hood for sample retrieval



SPECIFICATIONS AND ORDERING INFORMATION

Fiberlite LEX Rotor	Fiberlite F10-4x1000 LEX Rotor	Fiberlite F12-6x500 LEX Rotor
Cat. No.	096-041053	096-062185
Max Capacity	4 x 1000 mL	6 x 500 mL
Max Speed	9,500 rpm; 9,000 rpm ²	12,000 rpm
Max RCF	16,880 xg; 15,150 xg ²	24,515 xg
Type	Fixed Angle	Fixed Angle
Material	Carbon Fiber Composite	Carbon Fiber Composite
Tube Dimensions Ø x L	98 x 195 mm	70 x 160 mm
Angle	20°	20°
K Factor	5,330	2,305
Weight	9.88 kg/21.8 lb	8.61 kg/19.0 lb
Warranty	15 years	15 years
Sample Containment	 ELC	 ELC

² With Sorvall® Evolution RC Series centrifuges

Thermo Scientific Fiberlite LEX rotors with Nalgene® bottles bring together quality and performance

Receive a **FREE** set of Nalgene products inside rotors

NALGENE BOTTLES AND TUBES

	Description	Cat. No.	Fiberlite Rotor
	1L Nalgene Wide-mouth Superspeed Bottle, PC, SCA, PP	3140-1002	F10-4x1000 LEX
	1L Nalgene Wide-mouth Superspeed Bottle, PPCO, SCA, PP	3141-1002	
	500 mL Nalgene Wide-mouth Superspeed Bottle, PC, SCA, PP	3140-1002	F12-6x500 LEX
	500 mL Nalgene Wide-mouth Superspeed Bottle, PPCO, SCA, PP	3140-1002	

PPCO = Polypropylene copolymer
PC = Polycarbonate
SCA = Screw closure assembly
PP = Polypropylene



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