

Superspeed Rotors

Thermo Scientific Fiberlite F12-6x500 LEX Rotor



ROTOR SPECIFICATIONS

| | |
|-------------------------------|------------------------|
| Type | Fixed Angle |
| Material | Carbon Fiber Composite |
| Capacity | 6 x 500 mL |
| Maximum Speed | 12,000 rpm |
| Maximum Sample Density | 1.2 g/mL |
| Tube Dimensions Ø x L | 70 x 160 mm |
| Angle | 20° |
| K Factor | 2,305 |
| Net Weight | 8.61 kg/19 lbs |
| Warranty | 15 years |
| Certifications | |

| | RCF | RADIUS |
|----------------|-----------|----------|
| Maximum | 24,515 xg | 152.0 mm |
| Minimum | 6,612 xg | 41.0 mm |

ROTOR AND ACCESSORIES ORDERING INFORMATION

| | | THERMO SCIENTIFIC SORVALL RC-6 Plus/Evolution RC Series |
|--------------------------------|--------------------|--|
| Fiberlite F12-6x500 LEX | Cat. No. | 096-062185 |
| | Max. Speed | 12,000 rpm |
| | Max. RCF | 24,515 xg |
| | Sample Containment | |

Fiberlite F12-6x500 LEX Rotor Package includes:

| | | |
|--|----------------------|------------|
| | Rotor Lid Assembly | 099-062185 |
| | O-ring Refresher Kit | 021-062185 |

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 |
| 500.0 | 500.0 | Fiberlite PPCO Oak Ridge Bottle | 010-1493 | 6 | 6 | 12,000 | 24,500 | 70 x 160 | Closure | Included | 6 | PPGF Cap with PP Plug |
| 500.0 | 500.0 | Fiberlite PC Oak Ridge Bottle | 010-1494 | 6 | 6 | 12,000 | 24,500 | 70 x 160 | Closure | Included | 6 | PPGF Cap with PP Plug |
| 500.0 | 450.0 | Nalgene™ PPCO Oak Ridge Bottle | 3141-0500 | 24 | 6 | 9,000 | 13,700 | 70 x 160 | Closure | Included | 24 | PP Sealing |
| 500.0 | 450.0 | Nalgene PC Oak Ridge Bottle | 3140-0500 | 24 | 6 | 9,000 | 13,700 | 70 x 160 | Closure | Included | 24 | PP Sealing |
| 250.0 | 250.0 | Fiberlite PPCO Oak Ridge Bottle | 010-1495 | 6 | 6 | 12,000 | 22,260 | 61 x 124 | Closure | Included | 6 | PPGF Cap with PP Plug |
| 250.0 | 250.0 | Fiberlite PC Oak Ridge Bottle | 010-1496 | 6 | 6 | 12,000 | 22,260 | 61 x 124 | Closure | Included | 6 | PPGF Cap with PP Plug |
| | | | | | | | | | Adapter | 010-0151 | 1 | 1 place/adaptor |
| | | | | | | | | | Adapter | 010-0151 | 1 | 1 place/adaptor |

Refer to manufacturer's recommendations for product performance information, including cycle limits and chemical compatibility limitations.

denotes biocontainment certification by the Public Health England, 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.

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 |
| 250.0 | 250.0 | Nalgene PPCO Oak Ridge Bottle | 3141-0250 | 36 | 6 | 12,000 | 22,260 | 61 x 133 | Closure Adapter | Included | 36 | PP Sealing 1 place/adapter |
| 250.0 | 250.0 | Nalgene PC Oak Ridge Bottle | 3140-0250 | 36 | 6 | 12,000 | 22,260 | 61 x 135 | Closure Adapter | Included | 36 | PP Sealing 1 place/adapter |
| 250.0 | – | Corning™ Disposable Conical Bottle ¹ | – | – | 6 | – | – | – | Adapter | 010-1135 | 2 | 1 place/adapter |
| 175.0 | – | Nalgene PPCO Conical Wide-Mouth Bottle | 3143-0175 | 36 | 6 | – | – | 61 x 144 | Closure Adapter | Included | 36 | PP Sealing 1 place/adapter |
| 175.0 | – | Nalgene PC Conical Wide-Mouth Bottle | 3144-0175 | 36 | 6 | – | – | 61 x 144 | Closure Adapter | Included | 36 | PP Sealing 1 place/adapter |
| 80.0 | 73.0 | PC Oak Ridge Tube | 010-0515 | 6 | 6 | 12,000 | 19,190 | 38 x 109 | Closure Adapter | Included | 6 | PP Sealing 1 place/adapter |
| 80.0 | 76.0 | PPCO Oak Ridge Tube | 010-1280 | 6 | 6 | 12,000 | 19,190 | 38 x 109 | Closure Adapter | Included | 25 | PP Screw Top 1 place/adapter |
| 85.0 | 81.0 | PC Oak Ridge Tube | 3118-0085 | 100 | 6 | 12,000 | 19,190 | 38 x 109 | Closure Adapter | Included | 6 | PP Sealing 1 place/adapter |
| 50.0 | – | Nunc™ Disposable Conical Tube ¹ | 339653 | 25 | 6 | – | – | 30 x 115 | Closure Adapter | Included | 25 | PP Sealing 1 place/adapter |
| 50.0 | – | Corning Disposable Conical Tube ¹ | – | – | 6 | – | – | – | Adapter | 010-1102 | 2 | 1 place/adapter |
| 50.0 | – | BD Falcon™ Disposable Conical Tube ¹ | – | – | 6 | – | – | – | Adapter | 010-1102 | 2 | 1 place/adapter |
| 50.0 | 46.0 | Nalgene PC Oak Ridge Tube | 3138-0050 | 50 | 12 | 12,000 | 22,580 | 29 x 108 | Closure Adapter | Included | 50 | PP Sealing 2 places/adapter |
| 50.0 | 46.0 | Nalgene PPCO Oak Ridge Tube | 3139-0050 | 50 | 12 | 12,000 | 22,580 | 29 x 108 | Closure Adapter | Included | 50 | PP Sealing 2 places/adapter |
| 50.0 | 46.0 | Nalgene PSF Oak Ridge Tube | 3137-0050 | 50 | 12 | 12,000 | 22,580 | 29 x 108 | Closure Adapter | Included | 50 | PP Sealing 2 places/adapter |
| 50.0 | 46.0 | Nalgene FEP Oak Ridge Tube | 3114-0050 | 10 | 12 | 12,000 | 22,580 | 29 x 108 | Closure Adapter | Included | 10 | ETFE Screw Cap 2 places/adapter |
| 30.0 | 30.0 | Nalgene PC Oak Ridge Tube | 3138-0030 | 50 | 18 | 12,000 | 20,640 | 26 x 102 | Closure Adapter | Included | 50 | PP Sealing 3 places/adapter |
| 30.0 | 30.0 | Nalgene PPCO Oak Ridge Tube | 3139-0030 | 50 | 18 | 12,000 | 20,640 | 26 x 102 | Closure Adapter | Included | 50 | PP Sealing 3 places/adapter |
| 30.0 | 30.0 | Nalgene PSF Oak Ridge Tube | 3137-0030 | 50 | 18 | 12,000 | 20,640 | 26 x 102 | Closure Adapter | Included | 50 | PP Sealing 3 places/adapter |
| 30.0 | 30.0 | Nalgene FEP Oak Ridge Tube | 3114-0030 | 10 | 18 | 12,000 | 20,640 | 26 x 102 | Closure Adapter | Included | 10 | ETFE Screw Cap 3 places/adapter |
| 16.0 | 16.0 | Nalgene PC Oak Ridge Tube | 3139-0016 | 50 | 36 | 12,000 | 20,640 | 18 x 107 | Closure Adapter | Included | 50 | PP Sealing 14 places/adapter |
| 16.0 | 16.0 | Nalgene PPCO Oak Ridge Tube | 3138-0016 | 50 | 36 | 12,000 | 20,640 | 18 x 107 | Closure Adapter | Included | 50 | PP Sealing 14 places/adapter |
| 15.0 | 15.0 | Corning Disposable Conical Tube ¹ | – | – | 36 | – | – | – | Adapter | 010-1099 | 2 | 12 places/adapter |
| 15.0 | 15.0 | BD Falcon Disposable Conical Tube ¹ | – | – | 36 | – | – | – | Adapter | 010-1099 | 2 | 12 places/adapter |
| 10.0 | 8.0 | Nalgene PPCO Oak Ridge Tube | 3139-0010 | 50 | 42 | 12,000 | 20,640 | 16 x 100 | Closure Adapter | Included | 50 | PP Sealing 7 places/adapter |
| 10.0 | 8.0 | Nalgene PC Oak Ridge Tube | 3138-0010 | 50 | 42 | 12,000 | 20,640 | 16 x 100 | Closure Adapter | Included | 50 | PP Sealing 7 places/adapter |
| 10.0 | – | Vacutainer™ Tube ¹ | – | – | 42 | – | – | 16 x 100 | Adapter | 010-1103 | 2 | 7 places/adapter |
| 3.0 | – | Vacutainer Tube ¹ | – | – | 84 | – | – | 10 x 64 | Adapter | 010-1137 | 2 | 14 places/adapter |

Refer to manufacturer's recommendations for product performance information, including cycle limits and chemical compatibility limitations.

¹ Performance 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 May 2011 may require software upgrade 314295G01 (NA) or HKKS308102E (Europe and Asia Pacific).

Find out more at thermofisher.com/rotors

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