


## Superspeed Rotors

## Thermo Scientific Fiberlite F14-6x250y Rotor




## ROTOR SPECIFICATIONS

|                        |   |
|------------------------|---|
| Type                   | Fixed Angle   |
| Material               | Carbon Fiber Composite  |
| Capacity               | 6 x 250 mL  |
| Maximum Speed          | 14,000 rpm  |
| Maximum Sample Density | 1.2 g/mL  |
| Tube Dimensions Ø x L  | 62 x 135 mm   |
| Angle                  | 23°   |
| K Factor               | 1690.0  |
| Net Weight             | 7.03 kg/15.5 lbs  |
| Warranty               | 15 years  |
| Certifications         |  |

|         | RCF       | RADIUS   |
|---------|-----------|----------|
| Maximum | 30,100 xg | 137.0 mm |
| Minimum | 8,122 xg  | 37.0 mm  |

## ROTOR AND ACCESSORIES ORDERING INFORMATION

|                      |                    | THERMO SCIENTIFIC<br>SORVALL RC-6 Plus/Evolution RC/<br>RC-5 Series                 |
|----------------------|--------------------|---|
| Fiberlite F14-6x250y | Cat. No.           | 78500   |
|                      | Max. Speed         | 14,000 rpm  |
|                      | Max. RCF           | 30,100 xg   |
|                      | Sample Containment |  |

## Fiberlite F14-6x250y Rotor Package includes:

|                      |            |
|----------------------|------------|
| Rotor Lid Assembly   | 099-062034 |
| O-ring Refresher Kit | 022-062034 |

## 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                  |
| 250.0          | 250.0          | Fiberlite PPCO Oak Ridge Bottle | 010-1495  | 6          | 6            | 14,000           | 30,100        | 61 x 124      | Closure   | Included          | 6          | PPGF Cap with PP Plug        |
| 250.0          | 250.0          | Fiberlite PC Oak Ridge Bottle   | 010-1496  | 6          | 6            | 14,000           | 30,100        | 61 x 124      | Closure   | Included          | 6          | PPGF Cap with PP Plug        |
| 250.0          | 250.0          | Nalgene™ PPCO Oak Ridge Bottle  | 3141-0250 | 36         | 6            | 14,000           | 30,100        | 61 x 124      | Closure   | Included          | 36         | PP Sealing                   |
| 250.0          | 250.0          | Nalgene PC Oak Ridge Bottle     | 3140-0250 | 36         | 6            | 14,000           | 30,100        | 61 x 124      | Closure   | Included          | 36         | PP Sealing                   |
| 85.0           | 81.0           | Nalgene PC Oak Ridge Tube       | 3118-0085 | 100        | 6            | 14,000           | 30,100        | 38 x 106      | Closure Adapter                                       | Included 010-1119 | 100 2      | PP Screw Top 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                     |
| 80.0           | 73.0           | PC Oak Ridge Tube                     | 010-0515  | 6          | 6            | 14,000           | 30,100        | 38 x 109      | Closure Adapter                                       | Included 010-1119 | 6 2        | PP Sealing 1 place/adapter      |
| 80.0           | 76.0           | PPCO Oak Ridge Tube                   | 010-1280  | 6          | 6            | 14,000           | 30,100        | 38 x 109      | Closure Adapter                                       | Included 010-1119 | 6 2        | PP Sealing 1 place/adapter      |
| 50.0           | 50.0           | Nunc™ Disposable Conical Tube¹        | 339653    | 25         | 6            | 9,000            | 12,400        | 30 x 115      | Closure Adapter                                       | Included 75100136 | 25 2       | PP Sealing 1 place/adapter      |
| 50.0           | —              | Corning™ Disposable Conical Tube¹     | —         | —          | 6            | 9,000            | 12,400        | —             | Adapter   | 75100136          | 2          | 1 place/adapter                 |
| 50.0           | —              | BD Falcon™ Disposable Conical Tube¹   | —         | —          | 6            | 9,000            | 12,400        | —             | Adapter   | 75100136          | 2          | 1 place/adapter                 |
| 50.0           | 46.0           | Nalgene PC Oak Ridge Screw Top Tube   | 3138-0050 | 50         | 6            | 14,000           | 30,100        | 29 x 108      | Closure Adapter                                       | Included 75100138 | 50 2       | PP Sealing 1 place/adapter      |
| 50.0           | 46.0           | Nalgene PPCO Oak Ridge Tube           | 3139-0050 | 50         | 6            | 14,000           | 30,100        | 29 x 108      | Closure Adapter                                       | Included 75100138 | 50 2       | PP Sealing 1 place/adapter      |
| 50.0           | 46.0           | Nalgene PSF Oak Ridge Tube            | 3137-0050 | 50         | 8            | 14,000           | 30,100        | 29 x 108      | Closure Adapter                                       | Included 75100138 | 50 2       | PP Sealing 1 place/adapter      |
| 50.0           | 46.0           | Nalgene FEP Oak Ridge Screw Top Tube  | 3114-0050 | 10         | 6            | 14,000           | 30,100        | 29 x 108      | Closure Adapter                                       | Included 75100138 | 10 2       | ETFE Screw Cap 1 place/adapter  |
| 30.0           | 30.0           | Nalgene PC Oak Ridge Screw Top Tube   | 3138-0030 | 50         | 12           | 14,000           | 30,100        | 26 x 102      | Closure Adapter                                       | Included 010-1072 | 50 2       | PP Sealing 2 places/adapter     |
| 30.0           | 30.0           | Nalgene PPCO Oak Ridge Screw Top Tube | 3139-0030 | 50         | 12           | 14,000           | 30,100        | 26 x 102      | Closure Adapter                                       | Included 010-1072 | 50 2       | PP Sealing 2 places/adapter     |
| 30.0           | 30.0           | Nalgene PSF Oak Ridge Tube            | 3137-0030 | 50         | 12           | 14,000           | 30,100        | 26 x 102      | Closure Adapter                                       | Included 010-1072 | 50 2       | PP Sealing 2 places/adapter     |
| 30.0           | 30.0           | Nalgene FEP Oak Ridge Tube            | 3114-0030 | 10         | 12           | 14,000           | 30,100        | 26 x 102      | Closure Adapter                                       | Included 010-1072 | 10 2       | ETFE Screw Cap 2 places/adapter |
| 16.0           | 16.0           | Nalgene PC Oak Ridge Tube             | 3139-0016 | 50         | 30           | 14,000           | 30,100        | 18 x 107      | Closure Adapter                                       | Included 010-1074 | 50 2       | PP Sealing 5 places/adapter     |
| 16.0           | 16.0           | Nalgene PPCO Oak Ridge Tube           | 3138-0016 | 50         | 30           | 14,000           | 30,100        | 18 x 107      | Closure Adapter                                       | Included 010-1074 | 50 2       | PP Sealing 5 places/adapter     |
| 15.0           | —              | Corning Disposable Conical Tube¹      | —         | —          | 30           | —                | —             | —             | Adapter   | 75101073          | 2          | 5 places/adapter                |
| 15.0           | —              | BD Falcon Disposable Conical Tube¹    | —         | —          | 30           | —                | —             | —             | Adapter   | 75101073          | 2          | 5 places/adapter                |
| 10.0           | 8.0            | Nalgene PPCO Oak Ridge Tube           | 3139-0010 | 50         | 42           | 14,000           | 30,100        | 16 x 100      | Closure Adapter                                       | Included 010-1309 | 50 2       | PP Sealing 7 places/adapter     |
| 10.0           | 8.0            | Nalgene PC Oak Ridge Tube             | 3138-0010 | 50         | 42           | 14,000           | 30,100        | 16 x 100      | Closure Adapter                                       | Included 010-1309 | 50 2       | PP Sealing 7 places/adapter     |
| 10.0           | —              | Vacutainer™ Tube¹                     | —         | —          | 42           | —                | —             | 16 x 100      | Adapter   | 010-1117          | 2          | 7 places/adapter                |
| 3.0            | —              | Vacutainer Tube¹                      | —         | —          | 60           | —                | —             | 10 x 64       | Adapter   | 010-1138          | 2          | 7 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 March 2009 may require software upgrade 314295G01 (NA) or HKKS308102E (Europe and Asia Pacific).

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