Test Tubes, Vials & Caps

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Plastic Test Tubes

Test Tubes are precision moulded from premium grade polystyrene, for optical clarity and polypropylene for all-round chemical resistance and extreme temperatures.

- Chemical free and biologically inert materials minimises contamination risk.
- Tube dimensions and lot-to-lot uniformity are continuously monitored by stringent quality control checks.
- Impact strength is enhanced by wall thickness.
- Round bottom for easy sample removal.
- Transparent polystyrene tubes can withstand moderate centrifugation speeds (1400g) and temperatures up to +70°C. Translucent polypropylene can be centrifuged at higher speeds (3000g) and can resist temperatures from -190°C to +120°C.

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>12x55</th>
<th>12x75</th>
<th>12x75</th>
<th>12x75</th>
<th>13x75</th>
<th>13x100</th>
<th>13x100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PS</td>
<td>PS</td>
<td>PS</td>
<td>PP</td>
<td>PS</td>
<td>PS</td>
<td>PP</td>
</tr>
<tr>
<td>Volume (ml)</td>
<td>3.8</td>
<td>5.4</td>
<td>5.4</td>
<td>5.4</td>
<td>5.4</td>
<td>8.8</td>
<td>8.8</td>
</tr>
</tbody>
</table>

Special Applications

- Coagulation Studies
- Flow Cytometry
- Flow Cytometry
- Clinical Analysers
- Autosamplers
- Autosamplers

NON-STERILE (Without Graduations)

<table>
<thead>
<tr>
<th>LOOSE IN BAG</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2055-500</td>
<td>1000</td>
<td>15.00</td>
</tr>
<tr>
<td></td>
<td>2052-003</td>
<td>6 x 500</td>
<td>55.00</td>
</tr>
<tr>
<td></td>
<td>2052-IR1</td>
<td>1000</td>
<td>18.00</td>
</tr>
<tr>
<td></td>
<td>2053-001</td>
<td>1000</td>
<td>17.00</td>
</tr>
<tr>
<td></td>
<td>2056-000</td>
<td>4000</td>
<td>60.00</td>
</tr>
<tr>
<td></td>
<td>2025-001</td>
<td>1000</td>
<td>40.00</td>
</tr>
<tr>
<td></td>
<td>2026-001</td>
<td>1000</td>
<td>40.00</td>
</tr>
</tbody>
</table>

STERILE (With Press Snap Cap and Printed Graduations)

<table>
<thead>
<tr>
<th>TRAY RACK 8X12S</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2054-STR</td>
<td>1000</td>
<td>75.00</td>
</tr>
<tr>
<td>TRAY RACK 20X25</td>
<td>8576*</td>
<td>500</td>
<td>51.00</td>
</tr>
<tr>
<td></td>
<td>2058-STR</td>
<td>500</td>
<td>51.00</td>
</tr>
<tr>
<td></td>
<td>2063-STR</td>
<td>500</td>
<td>51.00</td>
</tr>
<tr>
<td>INDIVIDUALLY WRAPPED</td>
<td>2003-STR</td>
<td>500</td>
<td>99.00</td>
</tr>
<tr>
<td></td>
<td>2006-STR</td>
<td>500</td>
<td>99.00</td>
</tr>
</tbody>
</table>

Recommended Cap (Elkay Cat No)

- 2055-CAP
- 2032-000
- 127-0019-100
- 2032-000
- 127-0019-100
- 127-0019-100
- 127-0019-100

* Without Graduations ** With Moulded Graduations

= ACTUAL SIZE
Sterile Test / Culture Tubes are irradiated in hermetically sealed packaging.

- All Elkay Sterile Culture Tubes come with an assembled Press-snap Cap.
- Come in single wrap packs or in trays of 25 or 125 (see picture).
- Irradiated and tested in accordance with AAMI Guidelines; lot-to-lot traceability of every product.

<table>
<thead>
<tr>
<th>13x100</th>
<th>16x100</th>
<th>16x100</th>
<th>16x125</th>
<th>16x125</th>
<th>16x150</th>
<th>16x150</th>
<th>17x100</th>
<th>17x100</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP</td>
<td>PS</td>
<td>PP</td>
<td>PS</td>
<td>PP</td>
<td>PS</td>
<td>PP</td>
<td>PS</td>
<td>PP</td>
</tr>
<tr>
<td>8.8</td>
<td>14.5</td>
<td>14.5</td>
<td>18.0</td>
<td>17.5</td>
<td>22.0</td>
<td>22.0</td>
<td>14.9</td>
<td>14.7</td>
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</tbody>
</table>

We recommend you test materials under actual conditions to determine tube compatibility. For free samples contact sales on 01256 811 118

<table>
<thead>
<tr>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Clinical Analysers</th>
<th>Clinical Analysers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2026-EVS 1000</td>
<td>2046-500B 2000</td>
<td>2047-500G 2000</td>
<td>2023-001 1000</td>
<td>2024-001 1000</td>
<td>2027-001 500</td>
<td>2028-001 500</td>
</tr>
<tr>
<td>44.00</td>
<td>65.00</td>
<td>62.00</td>
<td>52.00</td>
<td>52.00</td>
<td>43.00</td>
<td>43.00</td>
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<table>
<thead>
<tr>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Autosamplers</th>
<th>Clinical Analysers</th>
<th>Clinical Analysers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022-STRX 500</td>
<td>2059-STRX 500</td>
<td>2001-STRX 500</td>
<td>2000-000</td>
<td>2030-000</td>
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<tr>
<td>77.00</td>
<td>83.00</td>
<td>83.00</td>
<td>83.00</td>
<td>83.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Without Graduations  ** With Moulded Graduations
Ezee-topper™ Caps

Ezee-topper™ Caps are ideal for resealing most 13mm and 16mm glass and plastic blood collection tubes. They protect potentially hazardous samples from accidental spillage, contamination and evaporation.

• Exclusive thumb tab makes cap removal simple, quick and fatigue free.
• Colours match the original blood tube stopper.
• 13mm Ezee-topper™ Caps fit 13mm glass evacuated blood collection tubes and 12mm plastic test tubes. Available in six colours.
• 16mm Ezee-topper™ Cap fits 16mm glass evacuated blood collection tubes.
• Manufactured from Polyethylene.

<table>
<thead>
<tr>
<th>Tube OD (MM)</th>
<th>13.0</th>
<th>13.0</th>
<th>13.0</th>
<th>13.0</th>
<th>13.0</th>
<th>13.0</th>
<th>16.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>Colour</td>
<td>Natural</td>
<td>Red</td>
<td>Blue</td>
<td>Green</td>
<td>Yellow</td>
<td>Lavender</td>
<td>Natural</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>15.00</td>
<td>19.00</td>
</tr>
<tr>
<td>For use with</td>
<td>12mm tubes and 13mm blood collection tubes</td>
<td>12mm tubes and 13mm blood collection tubes</td>
<td>12mm tubes and 13mm blood collection tubes</td>
<td>12mm tubes and 13mm blood collection tubes</td>
<td>12mm tubes and 13mm blood collection tubes</td>
<td>12mm tubes and 13mm blood collection tubes</td>
<td>16mm tubes and 16mm blood collection tubes</td>
</tr>
</tbody>
</table>

Flange Plug Tite Caps

• Fit into test tubes, centrifuge tubes and round cuvettes.
• Designed with two flanges which seal tightly on the inside of the tube.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>Colour</td>
<td>Natural</td>
<td>Natural</td>
<td>Red</td>
<td>Blue</td>
<td>Green</td>
<td>Yellow</td>
<td>Orange</td>
<td>Natural</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>14.00</td>
<td>15.00</td>
<td>16.00</td>
<td>16.00</td>
<td>16.00</td>
<td>16.00</td>
<td>16.00</td>
<td>22.00</td>
</tr>
<tr>
<td>For use with</td>
<td>Elkay cat no 2055-500 (p.38)</td>
<td>12/13mm tubes and 12mm round cuvettes</td>
<td>12/13mm tubes and 12mm round cuvettes</td>
<td>12/13mm tubes and 12mm round cuvettes</td>
<td>12/13mm tubes and 12mm round cuvettes</td>
<td>12/13mm tubes and 12mm round cuvettes</td>
<td>12/13mm tubes and 12mm round cuvettes</td>
<td>16mm tubes and 15ml centrifuge tubes</td>
</tr>
</tbody>
</table>

NOTE: Cap images are not to scale.
### Press Snap Caps

This cap fits onto test tubes and provides a unique, two-position closure:

- Applied loosely, this cap provides tube cover while maintaining aerobic conditions; pressed and snapped on completely, it provides an airtight seal.
- Ideal for bacterial culture; two sizes available.

<table>
<thead>
<tr>
<th>Tube OD (mm)</th>
<th>10.6</th>
<th>15.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>Colour</td>
<td>Natural</td>
<td>Natural</td>
</tr>
<tr>
<td>Catalogue Number</td>
<td>2032-000</td>
<td>2030-000</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>18.00</td>
<td>22.00</td>
</tr>
<tr>
<td>For use with</td>
<td>12mm tubes</td>
<td>17mm tubes</td>
</tr>
</tbody>
</table>

Illustration of two-position closure of press snap caps (2032-000 and 2030-000)

### Press Overfit Caps

- Fits over the outer rim of sample cups and test tubes.

<table>
<thead>
<tr>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PE</td>
</tr>
<tr>
<td>Colour</td>
<td>Natural</td>
</tr>
<tr>
<td>Catalogue Number</td>
<td>127-0019-000*</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>5 x 1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>60.00</td>
</tr>
<tr>
<td>Elkay Analyser Cups:</td>
<td>127-0090-000</td>
</tr>
<tr>
<td></td>
<td>127-0090-100</td>
</tr>
</tbody>
</table>

* Now in bulk packs of 5000

### Ribbed Plug Tite Micro Caps

- Seal is accomplished by parallel rings on the lower portion of the cap.
- Available in white, red, and lavender.

<table>
<thead>
<tr>
<th>Tube ID (mm)</th>
<th>12.0</th>
<th>12.0</th>
<th>12.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PE</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>Colour</td>
<td>White</td>
<td>Red</td>
<td>Lavender</td>
</tr>
<tr>
<td>Catalogue Number</td>
<td>127-001-421</td>
<td>127-001-42R</td>
<td>127-001-42L</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>15.00</td>
<td>16.00</td>
<td>16.00</td>
</tr>
<tr>
<td>For use with</td>
<td>12mm tubes</td>
<td>12mm tubes</td>
<td>12mm tubes</td>
</tr>
</tbody>
</table>

### Square Cuvette Caps

- Designed to seal 10mm four-sided square cuvettes (see page 53-54 for cuvettes).

<table>
<thead>
<tr>
<th>Tube ID (mm)</th>
<th>10.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PE</td>
</tr>
<tr>
<td>Colour</td>
<td>Natural</td>
</tr>
<tr>
<td>Catalogue Number</td>
<td>127-1010-004</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>25.00</td>
</tr>
<tr>
<td>For use with</td>
<td>Standard 10mm square cuvettes</td>
</tr>
</tbody>
</table>
Test Tubes, Vials & Caps

TriCap™ Universal Fit Cap

Designed to fit over most 12 and 13mm (OD) tubes and inside 16mm evacuated glass blood collection tubes, the TriCap is an invaluable tool for any lab.

Precision molded from low-density polyethylene, TriCap fits firmly on the tube and can be used under the most rigorous of procedures, including centrifugation. TriCap protects from aerosols and guards samples against cross-contamination.

<table>
<thead>
<tr>
<th>CATALOGUE NUMBER</th>
<th>DESCRIPTION</th>
<th>UNIT QTY</th>
<th>UNIT PRICE (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8700</td>
<td>TriCap, Natural</td>
<td>1000</td>
<td>16.00</td>
</tr>
<tr>
<td>8700B</td>
<td>TriCap, Blue</td>
<td>1000</td>
<td>16.00</td>
</tr>
<tr>
<td>8700G</td>
<td>TriCap, Green</td>
<td>1000</td>
<td>16.00</td>
</tr>
<tr>
<td>8700SI</td>
<td>TriCap, Grey</td>
<td>1000</td>
<td>16.00</td>
</tr>
<tr>
<td>8700L</td>
<td>TriCap, Lavender</td>
<td>1000</td>
<td>16.00</td>
</tr>
<tr>
<td>8700R</td>
<td>TriCap, Red</td>
<td>1000</td>
<td>16.00</td>
</tr>
<tr>
<td>8700Y</td>
<td>TriCap, Yellow</td>
<td>1000</td>
<td>16.00</td>
</tr>
</tbody>
</table>

Ezee-Filter™ Separator

The Ezee-Filter™ Separator is a 5ml or 9ml graduated (moulded) polypropylene tube incorporating a polyethylene filter. It is used by inserting the filter end of the device into a 16mm test/blood tube containing the sample to be ‘cleaned’ and applying downward pressure until the filtered solution transfers into the graduated barrel of the device. The filtrate can now be stored (once capped) or poured.

- Designed for removing fibrin and other particles from serum samples.
- Ideal in filtering archaeological samples. In particular, removing the insoluble residues from solutions prior to Carbon-14 dating and isotope studies.

The filter:

The filter is made of sintered polyethylene fused together under heat and pressure. By controlling heat and pressure the pore sizes can be controlled within certain limits.

The pore sizes are a range from 60 μm to 90 μm. They are not holes punched on a membrane. They are actually channels formed as a result of the polyethylene particle fusion.

<table>
<thead>
<tr>
<th>CATALOGUE NUMBER</th>
<th>DESCRIPTION</th>
<th>UNIT QTY</th>
<th>UNIT PRICE (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-3193-000</td>
<td>9ml Ezee-Filter™ Separator Device, PE</td>
<td>1000</td>
<td>179.00</td>
</tr>
<tr>
<td>127-3193-025</td>
<td>5ml Ezee-Filter™ Separator Device, PE</td>
<td>1000</td>
<td>135.00</td>
</tr>
</tbody>
</table>

RELATED ITEMS:

- 2047-500G 16x100mm PP Test Tube 2000 65.00
- 127-0019-100 Small Flange Plug Tite Cap, PE, natural 1000 15.00
FlipTube® Microcentrifuge Tube
Quick, one-handed opening microcentrifuge tube

Due to the unique lid design, the award winning FlipTube® provides users increased sample security with better, more efficient handling. Rather than ‘flicking’ the lid up from the front, FlipTube works by applying gentle thumb pressure to the back of the hinged lid. This resolves two potential drawbacks related to the ‘traditional’ method of tube opening:

1. The risk of sample contamination which may be introduced by the thumb coming into contact with the inside of the tube lid (or contents)
2. The requirement for using both hands to open the tube

FlipTube eliminates both of these issues, providing a safer, quicker, and more efficient working style.

A BETTER MICROTUBE IS FINALLY HERE!

Features include:

- Easy one-handed operation even when tubes are racked
- Large, frosted writing areas on top and side
- Moulded-in graduations at 0.1ml, 0.5ml, 1ml & 1.5ml
- Pierceable lid
- Made from high-quality, autoclavable polypropylene
- High thermal and chemical resistance
- Spin rating of 20,000g (fits all standard centrifuges)
- DNase, RNase-free (certification upon request)
- Contamination-free opening
- Available in 5 colours for easy identification of samples (including black for light sensitive assays)

Automation Station?
Thinking about automating microtube opening/closing?
Ask for a sample of FlipTube® today.
Test Tubes, Vials & Caps

Microcentrifuge Tubes

Elkay Microcentrifuge Tubes are designed to withstand rigorous laboratory applications.

- Positive snap-seal closures for leak-tite seals.
- Flat, needle-pierceable tops allow easy sample removal.
- Graduation lines for volume estimation at a glance.
- Polypropylene tubes can be autoclaved at 121°C.
- DNase / RNase free versions are made from low-adhesion materials.

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>0.5</th>
<th>0.6</th>
<th>1.5</th>
<th>1.5</th>
<th>1.5</th>
</tr>
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<tbody>
<tr>
<td>Colour</td>
<td>Natural</td>
<td>Natural</td>
<td>Natural</td>
<td>Blue</td>
<td>Green</td>
</tr>
<tr>
<td>Material</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Spin Rating (RCF)</td>
<td>38,000</td>
<td>14,000</td>
<td>14,000</td>
<td>14,000</td>
<td>14,000</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-190 to +121°C</td>
<td>-40 to +121°C</td>
<td>-40 to +121°C</td>
<td>-40 to +121°C</td>
<td>-40 to +121°C</td>
</tr>
<tr>
<td>CATALOGUE NUMBER</td>
<td>MICR-050</td>
<td>MICR-069</td>
<td>MICR-150</td>
<td>MICR-152</td>
<td>MICR-153</td>
</tr>
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<td>1000</td>
<td>500</td>
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</tr>
<tr>
<td>Unit Price (£)</td>
<td>17.00</td>
<td>15.00</td>
<td>17.00</td>
<td>17.00</td>
<td>17.00</td>
</tr>
<tr>
<td>Additional Information</td>
<td>DNase/RNase free Low adhesion</td>
<td></td>
<td></td>
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<td></td>
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</table>

1.5ml tube also available in yellow (MICR-154)

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>1.5</th>
<th>1.5</th>
<th>1.5</th>
<th>2.0</th>
<th>2.0</th>
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<tr>
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<td>Red</td>
<td>Natural</td>
<td>Natural</td>
<td>Natural</td>
<td>Natural</td>
</tr>
<tr>
<td>Material</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Spin Rating (RCF)</td>
<td>14,000</td>
<td>20,000</td>
<td>20,000</td>
<td>18,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-40 to +121°C</td>
<td>-40 to +121°C</td>
<td>-175 to +121°C</td>
<td>-40 to +121°C</td>
<td>-40 to +121°C</td>
</tr>
<tr>
<td>CATALOGUE NUMBER</td>
<td>MICR-157</td>
<td>MICR-159</td>
<td>MICR-15LC</td>
<td>MICR-200</td>
<td>MICR-209</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>250</td>
<td>500</td>
<td>1000</td>
<td>250</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>17.00</td>
<td>9.00</td>
<td>12.00</td>
<td>19.50</td>
<td>9.00</td>
</tr>
<tr>
<td>Additional Information</td>
<td>DNase/RNase free Low adhesion Lockable Cap for extra protection DNase/RNase free Low adhesion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NEW

1.5ml tube also available in yellow (MICR-154)
15ml Centrifuge Tubes

15ml centrifuge tubes feature screen printing or moulded-in graduations, sterile or non-sterile packaging and a choice of screw or plug-tite caps.

- Two materials, Polypropylene copolymer (chemical resistance and strength) or Polystyrene (optical clarity).
- Printed tubes have graduations and write-on surface.
- Sterile versions meet AAMI Guidelines for irradiation.
- Available with an expanded styrene foam tray with viewing slots. Rack can be snapped apart to form individual work stations.

**Polyethylene Cap Choice:** Blue screw cap, natural screw cap**, natural plug cap

---

### Test Tubes, Vials & Caps

**15ml Centrifuge Tubes**

15ml centrifuge tubes feature screen printing or moulded-in graduations, sterile or non-sterile packaging and a choice of screw or plug-tite caps.

- Two materials, Polypropylene copolymer (chemical resistance and strength) or Polystyrene (optical clarity).
- Printed tubes have graduations and write-on surface.
- Sterile versions meet AAMI Guidelines for irradiation.
- Available with an expanded styrene foam tray with viewing slots. Rack can be snapped apart to form individual work stations.

**Polyethylene Cap Choice:** Blue screw cap, natural screw cap**, natural plug cap

---

### Volume (ml) | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0
--- | --- | --- | --- | --- | --- | ---
**Material** | PS | PP | PS | PP | PS | PP
**Graduation Type** | Moulded | Moulded | Moulded | Moulded | Printed | Printed
**Additional Information** | Unthreaded tube* | Unthreaded tube* | Threaded tube Blue PE screw cap included non-assembled | Threaded tube Blue PE screw cap included non-assembled | Threaded tube Blue PE screw cap included non-assembled | Threaded tube Blue PE screw cap included non-assembled

### NON-Sterile

#### LOOSE IN BAG

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BULK-150</td>
<td>1000</td>
<td>60.00</td>
</tr>
<tr>
<td>BULK-151</td>
<td>1000</td>
<td>60.00</td>
</tr>
<tr>
<td>2087-000</td>
<td>1000</td>
<td>82.00</td>
</tr>
<tr>
<td>2088-000</td>
<td>1000</td>
<td>82.00</td>
</tr>
<tr>
<td>2087-00P</td>
<td>1000</td>
<td>99.00</td>
</tr>
<tr>
<td>2088-00P</td>
<td>1000</td>
<td>99.00</td>
</tr>
</tbody>
</table>

#### STERILE

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2086-500**</td>
<td>500</td>
<td>2086-500**</td>
</tr>
<tr>
<td>2081-STR</td>
<td>1000</td>
<td>105.00</td>
</tr>
<tr>
<td>2081-STP</td>
<td>1000</td>
<td>130.00</td>
</tr>
<tr>
<td>2098-STR</td>
<td>500</td>
<td>2098-STR</td>
</tr>
<tr>
<td>2099-STP</td>
<td>500</td>
<td>2099-STP</td>
</tr>
<tr>
<td>2098-STP</td>
<td>500</td>
<td>2098-STP</td>
</tr>
</tbody>
</table>

*For compatible cap, see 15.4mm Flange Plug Tite Caps on page 38 (127-0019-200)
**2086-500 version

### PHYSICAL PROPERTIES

**Polystyrene (PS)**
- Spin Rating: 1,800 RCF
- Temperature Range: +20 to +90ºC

**Polypropylene (PP)**
- Spin Rating: 6,400 RCF
- Temperature Range: -40 to +120ºC

---

Rack with viewing apertures
**50ml Centrifuge Tubes**

Premium quality, general purpose centrifuge tubes with optional printed graduations.

- Available with skirted OR conical base.
- Printed tubes are graduated and have a write-on surface.
- Sterile versions meet AAMI Guidelines for irradiation.
- Sterile packs come tray packed or in economy pack of 25 pieces (x20).
- Made from premium grade polypropylene copolymer for excellent chemical resistance and exceptional clarity.

**Graduations:** Printed tubes start from 5ml; 2.5ml increments from 5.0 - 10ml; 5ml increments from 10 - 50ml

**Polyethylene Cap Choice:** Blue screw cap, natural screw cap* (ideal for trace metal analysis as no colourants are used)

### PACKAGING

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>50.0</th>
<th>50.0</th>
<th>50.0</th>
<th>50.0</th>
<th>50.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Graduation Type</td>
<td>Moulded</td>
<td>Printed</td>
<td>Moulded</td>
<td>Moulded</td>
<td>Moulded</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Threaded</td>
<td>Threaded</td>
<td>Threaded</td>
<td>Threaded</td>
<td>Threaded</td>
</tr>
<tr>
<td></td>
<td>Blue PE screw cap included</td>
<td>Blue PE screw cap included</td>
<td>Blue PE screw cap included</td>
<td>Blue PE cap included</td>
<td>Blue PE screw cap included</td>
</tr>
<tr>
<td></td>
<td>Conical base</td>
<td>Conical base</td>
<td>Conical base</td>
<td>Conical base</td>
<td>Conical base</td>
</tr>
</tbody>
</table>

### NON-STERILE

<table>
<thead>
<tr>
<th>LOOSE IN BAG</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2092-000</td>
<td>500</td>
<td>76.00</td>
</tr>
<tr>
<td></td>
<td>2092-00P</td>
<td>500</td>
<td>84.00</td>
</tr>
<tr>
<td></td>
<td>2096-000*</td>
<td>500</td>
<td>80.00</td>
</tr>
<tr>
<td></td>
<td>2093-000</td>
<td>500</td>
<td>76.00</td>
</tr>
<tr>
<td></td>
<td>2093-NAT*</td>
<td>500</td>
<td>80.00</td>
</tr>
</tbody>
</table>

### STERILE

<table>
<thead>
<tr>
<th>25/BAG X 20</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2092-STR</td>
<td>500</td>
<td>93.00</td>
</tr>
<tr>
<td></td>
<td>2092-STP</td>
<td>500</td>
<td>106.00</td>
</tr>
<tr>
<td></td>
<td>2093-STR</td>
<td>500</td>
<td>93.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRAY RACK 25 X 20</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2090-STR</td>
<td>500</td>
<td>108.00</td>
</tr>
<tr>
<td></td>
<td>2090-STP</td>
<td>500</td>
<td>120.00</td>
</tr>
</tbody>
</table>

### PHYSICAL PROPERTIES (for capped tube)

Spin Rating: 10,000 RCF
Temperature Range: -40 to +120ºC
Screw Cap Microcentrifuge Tubes

An improved range of screw cap microtubes available in 0.5, 1.5 and 2ml capacities. Sterile versions available.

- Six different tube sizes and styles available with moulded-in graduations.
- Tube and cap available sterile in packs of 50, with natural cap attached.
- Spin rated @ 18,000 x g.

<table>
<thead>
<tr>
<th>Tubes</th>
<th>0.5</th>
<th>0.5</th>
<th>1.5</th>
<th>1.5</th>
<th>2.0</th>
<th>2.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume (ml)</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Material</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduation Type</td>
<td>Moulded</td>
<td>Moulded</td>
<td>Moulded</td>
<td>Moulded</td>
<td>Moulded</td>
<td>Moulded</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Conical base</td>
<td>Skirted base</td>
<td>Conical base</td>
<td>Skirted base</td>
<td>Conical base</td>
<td>Skirted base</td>
</tr>
</tbody>
</table>

**NON-STERILE**

<table>
<thead>
<tr>
<th>TUBE ONLY (SEE CAP SELECTION BELOW)</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>021-4053-500</td>
<td>500</td>
<td>17.00</td>
</tr>
<tr>
<td></td>
<td>021-4054-500</td>
<td>500</td>
<td>17.00</td>
</tr>
<tr>
<td></td>
<td>021-4153-500</td>
<td>500</td>
<td>17.00</td>
</tr>
<tr>
<td></td>
<td>021-4154-500</td>
<td>500</td>
<td>17.00</td>
</tr>
<tr>
<td></td>
<td>021-4203-500</td>
<td>500</td>
<td>17.00</td>
</tr>
<tr>
<td></td>
<td>021-4204-500</td>
<td>500</td>
<td>17.00</td>
</tr>
</tbody>
</table>

**STERILE**

<table>
<thead>
<tr>
<th>TUBE WITH NATURAL CAP (ASSEMBLED)</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>021-4058-510</td>
<td>500</td>
<td>66.00</td>
</tr>
<tr>
<td></td>
<td>021-4059-510</td>
<td>500</td>
<td>66.00</td>
</tr>
<tr>
<td></td>
<td>021-4158-510</td>
<td>500</td>
<td>66.00</td>
</tr>
<tr>
<td></td>
<td>021-4159-510</td>
<td>500</td>
<td>66.00</td>
</tr>
<tr>
<td></td>
<td>021-4208-510</td>
<td>500</td>
<td>66.00</td>
</tr>
<tr>
<td></td>
<td>021-4209-510</td>
<td>500</td>
<td>66.00</td>
</tr>
</tbody>
</table>

- Two types of cap available:
  1. With an autoclavable, ethylene/propylene gasket, ensuring a positive leak tight seal especially at very low temperatures.
  2. With a moulded-in liner.
- Eight different coloured caps sold separately for optimum choice.

<table>
<thead>
<tr>
<th>Caps Only</th>
<th>Natural</th>
<th>Blue</th>
<th>Green</th>
<th>Orange</th>
<th>Red</th>
<th>Lavender</th>
<th>Yellow</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCREW CAP WITH GASKET</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat No</td>
<td>021-4800-500</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit Qty</td>
<td>021-4800-501</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>021-4800-502</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>021-4800-503</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>021-4800-504</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>021-4800-505</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>021-4800-506</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>021-4800-507</td>
<td>500</td>
<td>27.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>27.00</td>
<td>27.00</td>
<td>27.00</td>
<td>27.00</td>
<td>27.00</td>
<td>27.00</td>
<td>27.00</td>
<td>27.00</td>
</tr>
</tbody>
</table>

| SCREW CAP WITH MOULDED-IN SEAL     |         |      |       |        |     |          |        |       |
| Cat No                             | 021-4800-600 | 500       | 18.00          |
| Unit Qty                           | 021-4800-601 | 500       | 18.00          |
|                                   | 021-4800-602 | 500       | 18.00          |
|                                   | 021-4800-603 | 500       | 18.00          |
|                                   | 021-4800-604 | 500       | 18.00          |
|                                   | 021-4800-605 | 500       | 18.00          |
|                                   | 021-4800-606 | 500       | 18.00          |
|                                   | 021-4800-607 | 500       | 18.00          |
| Unit Price (£)                     | 18.00    | 18.00 | 18.00 | 18.00 | 18.00 | 18.00   | 18.00 | 18.00 |

**PHYSICAL PROPERTIES**

(for capped tube)

Spin Rating: 18,000 RCF
Temperature Range: -40 to +120°C

*Note:* Tubes/caps on this page are incompatible with printed tubes/caps on page 46.

tel: **01256 811118**  fax: **01256 811116**
Screw Cap Microcentrifuge Tubes With Printed Graduations

- Available in 0.5ml, 1.5ml and 2ml skirted base and 1.5ml and 2ml conical base.
- Tubes are screen printed with graduations and a white marking area.
- Both tube and cap made from polypropylene.
- Tubes and caps sold separately in bags of 1000.
- Can be used at extreme temperatures from -196 to +121ºC.
- Available sterile (pack 50 x 10) with caps.

**TUBES**

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>0.5</th>
<th>1.5</th>
<th>1.5</th>
<th>2.0</th>
<th>2.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Graduation Type</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Skirted base</td>
<td>Conical base</td>
<td>Skirted base</td>
<td>Conical base</td>
<td>Skirted base</td>
</tr>
</tbody>
</table>

**CAPS**

- Cap features an autoclavable, ethylene/propylene gasket, ensuring a positive leaktight seal on the tube.
- Six different coloured caps (besides natural) - sold separately - in bags of 1000.
- Suitable for use with automatic capping machines used in packaging industries.

**PHYSICAL PROPERTIES**
Spin Rating: 17,000 RCF
Temperature Range: -196 to +121ºC

---

**Sterile Versions Now Available**

**TUBE ONLY**

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>021-4054-500P</td>
<td>1000</td>
<td>66.00</td>
</tr>
<tr>
<td>021-4153-500P</td>
<td>1000</td>
<td>66.00</td>
</tr>
<tr>
<td>021-4154-500P</td>
<td>1000</td>
<td>66.00</td>
</tr>
<tr>
<td>021-4203-500P</td>
<td>1000</td>
<td>66.00</td>
</tr>
<tr>
<td>021-4204-500P</td>
<td>1000</td>
<td>66.00</td>
</tr>
</tbody>
</table>

**STERILE**

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>021-4153-500PS</td>
<td>50x10</td>
<td>120.00</td>
</tr>
<tr>
<td>021-4154-500PS</td>
<td>50x10</td>
<td>120.00</td>
</tr>
<tr>
<td>021-4203-500PS</td>
<td>50x10</td>
<td>120.00</td>
</tr>
<tr>
<td>021-4204-500PS</td>
<td>50x10</td>
<td>120.00</td>
</tr>
</tbody>
</table>

**Caps Only**

<table>
<thead>
<tr>
<th>Cap Colour</th>
<th>Natural</th>
<th>Blue</th>
<th>Green</th>
<th>Red</th>
<th>Lavender</th>
<th>Yellow</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
<td>60.00</td>
</tr>
</tbody>
</table>
Elkay Storage Vials With Screwcaps

Ideal for storage of biological materials, these PP-copolymer tubes matched to high density polyethylene (HDPE) caps provide an incredibly secure 2-turn closure with an external thread.

- Available in 2.0, 2.5 and 3.5ml volumes
- Round bottom tubes have moulded-in locking bases
- Tubes are graduated at 1/2 ml increments with a frosted write-on surface
- Internal sealing ring in cap envelops the top of the tube to prevent liquid by-pass
- Round bottom design assists to maximise sample recovery
- Four cap choices available in Blue, Green, Red and White
- Can be used in temperatures ranging from -40°C to 121°C
- Universal locks hold tubes securely allowing one-handed operation

### Storage Vials with Cap

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>2.0</th>
<th>2.5</th>
<th>3.5</th>
<th>3.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm) tube only</td>
<td>13 x 47</td>
<td>13 x 54</td>
<td>13 x 76</td>
<td>13 x 76</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NON-STERILE (Tube and Cap packed separately)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TUBES WITH BLUE CAP</strong></td>
</tr>
<tr>
<td>Cat No</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>8535</td>
</tr>
<tr>
<td>8540</td>
</tr>
<tr>
<td>8545</td>
</tr>
</tbody>
</table>

<p>| <strong>TUBES WITH WHITE CAP</strong>                    |</p>
<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8535W</td>
<td>1000 (2x500)</td>
<td>66.00</td>
</tr>
<tr>
<td>8540W</td>
<td>1000 (2x500)</td>
<td>70.00</td>
</tr>
<tr>
<td>8545W</td>
<td>1000 (2x500)</td>
<td>75.00</td>
</tr>
</tbody>
</table>

<p>| <strong>TUBES WITH GREEN CAP</strong>                    |</p>
<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8535G</td>
<td>1000 (2x500)</td>
<td>66.00</td>
</tr>
<tr>
<td>8540G</td>
<td>1000 (2x500)</td>
<td>70.00</td>
</tr>
<tr>
<td>8545G</td>
<td>1000 (2x500)</td>
<td>75.00</td>
</tr>
</tbody>
</table>

<p>| <strong>TUBES WITH RED CAP</strong>                      |</p>
<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8535R</td>
<td>1000 (2x500)</td>
<td>66.00</td>
</tr>
<tr>
<td>8540R</td>
<td>1000 (2x500)</td>
<td>70.00</td>
</tr>
<tr>
<td>8545R</td>
<td>1000 (2x500)</td>
<td>75.00</td>
</tr>
</tbody>
</table>

<p>| <strong>TUBES ONLY AMBER COLOUR</strong>                 |</p>
<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8536</td>
<td>500 (5x100)</td>
<td>54.00</td>
</tr>
<tr>
<td>8541</td>
<td>500 (5x100)</td>
<td>62.00</td>
</tr>
<tr>
<td>8546</td>
<td>500 (5x100)</td>
<td>66.00</td>
</tr>
</tbody>
</table>

### Caps Only

<table>
<thead>
<tr>
<th>Cap Colour</th>
<th>Blue</th>
<th>White</th>
<th>Green</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FLAT TOP SCREW CAPS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat No</td>
<td>Unit Qty</td>
<td>Unit Price (£)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>----------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8534B</td>
<td>1000</td>
<td>25.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8534W</td>
<td>1000</td>
<td>25.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8534G</td>
<td>1000</td>
<td>25.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8534R</td>
<td>1000</td>
<td>25.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Rack Only

<table>
<thead>
<tr>
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<th>Blue</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cat No</strong></td>
<td><strong>Unit Qty</strong></td>
</tr>
<tr>
<td>8542</td>
<td>500</td>
</tr>
</tbody>
</table>
**Cryovial® - Cryogenic Storage Vials**

**Internal Threaded Tubes**

Internal threaded cryogenic vials are designed for storing biological material, human or animal cells at temperatures as low as -196°C.

- A silicone seal between the cap and tube ensures a positive, leaktight seal at all temperatures.
- Tube, cap and cap insert made from polypropylene.
- White markings are on tube with clear printed graduations.
- Sterilised by gamma irradiation and packed in unique resealable, safety-lock bags.
- Vials are certified DNase, RNase and DNA-free.
- Free standing tubes have universal lock design in base.
- To be used in vapour phase of liquid nitrogen only.

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>1.2</th>
<th>2.0</th>
<th>2.0</th>
<th>4.0</th>
<th>4.0</th>
<th>5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm)</td>
<td>12.5 x 41</td>
<td>12.5 x 49</td>
<td>12.5 x 48</td>
<td>12.5 x 70</td>
<td>12.5 x 72</td>
<td>12.5 x 90</td>
</tr>
<tr>
<td>Material</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Graduation Type</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Free-standing, Universal Locking Base</td>
<td>Free-standing, Universal Locking Base</td>
<td>Round Base</td>
<td>Round Base</td>
<td>Free-standing, Universal Locking Base</td>
<td>Round Base</td>
</tr>
<tr>
<td>CRYOVIAL® WITH INTERNAL THREADED TUBE</td>
<td>127-T311-100</td>
<td>127-T311-200</td>
<td>127-T311-300</td>
<td>127-T311-400</td>
<td>127-T311-420</td>
<td>127-T311-500</td>
</tr>
<tr>
<td>Cat No</td>
<td>Unit Qty</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>19.00</td>
<td>19.00</td>
<td>19.00</td>
<td>20.00</td>
<td>20.00</td>
<td>21.00</td>
</tr>
</tbody>
</table>

**Cap Inserts**

<table>
<thead>
<tr>
<th>Insert Colour</th>
<th>Blue</th>
<th>Green</th>
<th>Red</th>
<th>Yellow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat No Unit Qty</td>
<td>127-T312-200</td>
<td>127-T312-300</td>
<td>127-T312-400</td>
<td>127-T312-500</td>
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<tr>
<td></td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>9.00</td>
<td>9.00</td>
<td>9.00</td>
<td>9.00</td>
</tr>
</tbody>
</table>

**PHYSICAL PROPERTIES:**

Spin Rating: 17,000 RCF

Temperature Range: -196 to +121°C
Cryovial® - Cryogenic Storage Vials
External Threaded Tubes

External threaded cryogenic vials are designed for storing biological material, human or animal cells at temperatures as low as -196°C.

- A silicone seal between the cap and tube ensures a positive, leaktight seal at all temperatures.
- Tube and cap made from polypropylene.
- White markings are on tube with clear printed graduations.
- Sterilised by gamma irradiation and packed in unique resealable, safety-lock bags.
- Vials are certified DNase, RNase and DNA-free.
- Free standing tubes have universal lock design in base.
- To be used in vapour phase of liquid nitrogen only.

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>1.2</th>
<th>2.0</th>
<th>2.0</th>
<th>4.0</th>
<th>5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm)</td>
<td>12.5 x 42</td>
<td>12.5 x 49</td>
<td>12.5 x 47</td>
<td>12.5 x 77</td>
<td>12.5 x 91</td>
</tr>
<tr>
<td>Material</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
<td>PP</td>
</tr>
<tr>
<td>Graduation Type</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
<td>Printed</td>
</tr>
<tr>
<td>Additional Information</td>
<td>Free-standing, Universal Locking Base</td>
<td>Free-standing, Universal Locking Base</td>
<td>Round Base</td>
<td>Free-standing, Universal Locking Base</td>
<td>Free-standing, Universal Locking Base</td>
</tr>
<tr>
<td>CRYOVIAL® WITH EXTERNAL THREADED TUBE</td>
<td>Cat No</td>
<td>Unit Qty</td>
<td>Unit Price (£)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>127-T310-100</td>
<td>100</td>
<td>19.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>127-T310-200</td>
<td>100</td>
<td>19.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>127-T310-300</td>
<td>100</td>
<td>19.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>127-T310-420</td>
<td>100</td>
<td>20.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>127-T310-520</td>
<td>100</td>
<td>21.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Round bottom easy to empty contents completely
White marking area and graduation
Virtually unbreakable thick walls
Fast 1/4 turn threaded cap

PHYSICAL PROPERTIES:
Spin Rating: 17,000 RCF
Temperature Range: -196 to +121°C
## Transport Tubes - 5ml, 10ml, 30ml and 50ml

Freestanding tubes for use in transport and storage of biological samples.

- Conical bottom for complete sample removal
- Moulded-in graduations.
- Available sterile or non-sterile.
- Shatter proof polypropylene tubes with polyethylene caps.
- Blue, White and Red caps available on 5 & 10ml tubes.
- Ideal for use when air transport of samples is required.

### Transport Tubes

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>5</th>
<th>10</th>
<th>30</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm) - with cap</td>
<td>60 x 20</td>
<td>94 x 20</td>
<td>83 x 34</td>
<td>117 x 34</td>
</tr>
<tr>
<td>Material</td>
<td>PP-CO*</td>
<td>PP-CO*</td>
<td>PP-CO*</td>
<td>PP-CO*</td>
</tr>
</tbody>
</table>

### PACKAGING

#### NON-STERILE

<table>
<thead>
<tr>
<th>TUBES WITH BLUE CAP (UNASSEMBLED)</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-T160-560</td>
<td>4x250</td>
<td>65.00</td>
<td></td>
</tr>
<tr>
<td>127-T160-930</td>
<td>4x250</td>
<td>68.00</td>
<td></td>
</tr>
<tr>
<td>500-1000-306</td>
<td>1x500</td>
<td>72.00</td>
<td></td>
</tr>
<tr>
<td>2093-000</td>
<td>1x500</td>
<td>78.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TUBES WITH RED CAP (UNASSEMBLED)</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-T160-561</td>
<td>4x250</td>
<td>65.00</td>
<td></td>
</tr>
<tr>
<td>127-T160-931</td>
<td>4x250</td>
<td>68.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TUBE ONLY</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-0160-560</td>
<td>4x250</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>127-0160-930</td>
<td>8x250</td>
<td>106.00</td>
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</tr>
</tbody>
</table>

#### STERILE

<table>
<thead>
<tr>
<th>TUBES WITH CAP (ASSEMBLED)</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-C160-56X</td>
<td>20x25</td>
<td>64.00</td>
<td></td>
</tr>
<tr>
<td>127-C160-93S</td>
<td>20x25</td>
<td>77.00</td>
<td></td>
</tr>
<tr>
<td>500-1000-308</td>
<td>1x500</td>
<td>75.00</td>
<td></td>
</tr>
<tr>
<td>2093-STR</td>
<td>20x25</td>
<td>93.00</td>
<td></td>
</tr>
</tbody>
</table>

Cap colour provided with sterile tube: White, White, Blue, Blue

### PHYSICAL PROPERTIES:

*PP-PO (Polypropylene Co-Polymer)

Temperature Range: -40 to +120°C
Auto Analyser Sample Cups and Insert Cups

- Sizes from 0.5 to 4ml.
- Overfit caps available (see table).
- 0.5, 2 and 4ml capacities used on a multitude of auto analyser carousels including Kodak, Bayer, I.L., Olympus, and Hitachi.
- Ezee-Nest Cup: Samples are poured from blood collection tubes into the cup which is immediately placed inside the tubes, eliminating the need to re-label.

### AUTO ANALYSER CUPS

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>0.5</th>
<th>2.0</th>
<th>2.0</th>
<th>2.0</th>
<th>4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm)</td>
<td>15 x 24</td>
<td>15 x 24</td>
<td>15 x 24</td>
<td>17 x 37</td>
<td>17 x 38</td>
</tr>
<tr>
<td>Material</td>
<td>PS</td>
<td>PS</td>
<td>PE</td>
<td>PS</td>
<td>PS</td>
</tr>
<tr>
<td>Analyzer Compatibility</td>
<td>Bayer</td>
<td>Bayer</td>
<td>Bayer</td>
<td>Hitachi</td>
<td>Bayer</td>
</tr>
<tr>
<td></td>
<td>Hitachi</td>
<td>Hitachi</td>
<td>Hitachi</td>
<td>I.L.</td>
<td>Hitachi</td>
</tr>
<tr>
<td></td>
<td>Kodak</td>
<td>Kodak</td>
<td>Kodak</td>
<td>Kodak</td>
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<tr>
<td></td>
<td>Olympus</td>
<td>Olympus</td>
<td>Olympus</td>
<td>Olympus</td>
<td>Olympus</td>
</tr>
</tbody>
</table>

### EZEE-NEST CUPS

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-0093-000</td>
<td>1000</td>
<td>14.00</td>
</tr>
<tr>
<td>127-0090-000</td>
<td>1000</td>
<td>13.60</td>
</tr>
<tr>
<td>127-0090-100</td>
<td>1000</td>
<td>21.00</td>
</tr>
<tr>
<td>127-0016-HIT</td>
<td>1000</td>
<td>18.00</td>
</tr>
<tr>
<td>127-0018-000</td>
<td>1000</td>
<td>17.00</td>
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</table>

### INSERT CUPS

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>1.0</th>
<th>1.0</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm)</td>
<td>15 x 30</td>
<td>8 x 30</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Material</td>
<td>PS</td>
<td>PP</td>
<td>PS</td>
<td>PE</td>
</tr>
<tr>
<td>Additional Information/ Analyzer Compatibility</td>
<td>Ezee-nest cup for use with 13mm blood tubes</td>
<td>Insert cup for use with 13mm blood tubes</td>
<td>Insert cup for use with 16mm blood tubes</td>
<td>Overfit cap for use with 0.5ml analyser cup: 127-0093-000, 127-0090-100</td>
</tr>
</tbody>
</table>

### CAPS

<table>
<thead>
<tr>
<th>Volume (ml)</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (mm)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Material</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>Additional Information/ Analyzer Compatibility</td>
<td>Overfit cap for use with 0.5ml analyser cup: 127-0093-000, 127-0090-100</td>
<td>Overfit cap for use with 2ml analyser cups: 127-0090-000, 127-0013-000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-0013-000</td>
<td>1000</td>
<td>22.00</td>
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<tr>
<td>127-0014-SPC</td>
<td>4000</td>
<td>62.00</td>
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<tr>
<td>127-0016-000</td>
<td>1000</td>
<td>29.00</td>
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<td>127-0019-00X</td>
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<td>17.00</td>
</tr>
<tr>
<td>127-0019-000</td>
<td>5 x 1000</td>
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</table>
Cuvette Segment for ABX Pentra 400 Clinical Chemistry Benchtop Analyser

The single-use cuvette segment has been designed specifically to fit the automatic cuvette changer situated within the popular Pentra 400 analyser. Each cuvette segment is CE-marked and manufactured from acrylic (PMMA) to exacting tolerances.

- Designed to work within the 340 - 700nm range
- Suitable for both routine and specialised clinical chemistry analyses
- Economic alternative to the equipment manufacturers offering
- Sturdy, recyclable packaging
- Available in racked or single-wrapped options
- Also suitable for use in Cobas® Mira analysers

<table>
<thead>
<tr>
<th>CATALOGUE NUMBER</th>
<th>DESCRIPTION</th>
<th>UNIT QTY</th>
<th>UNIT PRICE (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>127-0678-R05</td>
<td>Preloaded (Rack) Version, Cuvette segment, racked for autoloading (15 / rack x 30)</td>
<td>450</td>
<td>220.00</td>
</tr>
<tr>
<td>127-3986-500</td>
<td>Bulk Pack Version, Cuvette segment, 50 individually wrapped x 10</td>
<td>500</td>
<td>230.00</td>
</tr>
</tbody>
</table>
Brand™ UV-Cuvettes, Cap and Rack

Brand™ UV cuvettes offer a high quality, disposable option for UV/VIS range spectrophotometric analysis.

- Micro cuvettes have been specially designed for photometric determination of proteins, ssDNA, dsDNA, RNA and oligonucleotides.
- All Brand™ UV-cuvettes are suitable for use with most common solvents, acids and alkalis (please test for specific usage and long-term storage).

### Brand™ UV-Cuvettes

<table>
<thead>
<tr>
<th>Working Volume (ml)</th>
<th>0.85</th>
<th>0.85</th>
<th>0.55</th>
<th>3.00</th>
<th>4.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>UV-transparent Plastic</td>
<td>UV-transparent Plastic</td>
<td>UV-transparent Plastic</td>
<td>UV-transparent Plastic</td>
<td>UV-transparent Plastic</td>
</tr>
<tr>
<td>Product Information</td>
<td>Micro 8.5mm centre height</td>
<td>Micro 8.5mm centre height individually wrapped, DNase, RNase &amp; DNA-free</td>
<td>Micro 15mm centre height</td>
<td>Semi-micro</td>
<td>Macro</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BRAND™ UV-CUVETTES &amp; CAP</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>759200</td>
<td>100</td>
<td>22.00</td>
</tr>
<tr>
<td></td>
<td>759215</td>
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<td>49.00</td>
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<td>100</td>
<td>22.00</td>
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<td>759150</td>
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</tbody>
</table>

### Cap

<table>
<thead>
<tr>
<th>Working Volume (ml)</th>
<th>N/A</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength (nm)</td>
<td>N/A</td>
<td>-</td>
</tr>
<tr>
<td>Material</td>
<td>PE</td>
<td>PP</td>
</tr>
</tbody>
</table>

### Cuvette Rack

<table>
<thead>
<tr>
<th>Working Volume (ml)</th>
<th>-</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength (nm)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Material</td>
<td>PE</td>
<td>PP</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>BRAND™ UV-CUVETTES &amp; CAP</th>
<th>Cat No</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>759240</td>
<td>100</td>
<td>10.00</td>
</tr>
<tr>
<td></td>
<td>759500</td>
<td>each</td>
<td>9.00</td>
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</tbody>
</table>
Elkay Plastic Cuvettes
For spectrophotometric use

- Elkay cuvettes come in two designs, Square and Micro-square.
- Trays of 100 cuvettes (10x10) and are made from recyclable expanded PS foam to eliminate scratching.
- Optical-grade virgin polystyrene.

<table>
<thead>
<tr>
<th>ELKAY CUVETTES</th>
<th>CAPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat No</td>
<td>Unit Qty</td>
</tr>
<tr>
<td>127-1010-007</td>
<td>500</td>
</tr>
<tr>
<td>127-1010-400</td>
<td>500</td>
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</table>

<table>
<thead>
<tr>
<th>Working Volume (ml)</th>
<th>2.90</th>
<th>4.50</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength (nm)</td>
<td>340 - 800</td>
<td>340 - 800</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Material</td>
<td>Optical-grade PS</td>
<td>Optical-grade PS</td>
<td>PE</td>
<td>PE</td>
</tr>
<tr>
<td>Product Information</td>
<td>Micro-square with round opening</td>
<td>Square with 4 clear sides</td>
<td>Square cap for use with square opening cuvettes (including Brand™)</td>
<td>Flange Plug Tite cap for use with round opening cuvettes</td>
</tr>
</tbody>
</table>

Dilu-Vial® - Optically clear 25ml sample vial with snap-on lid

- Optically clear, parallel sides.
- Leak-tight cap with tab.
- Vial made from Polystyrene, cap material is Low Density Polyethylene
- External dimensions: 32mm x 60mm

<table>
<thead>
<tr>
<th>Dilu-Vial®</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CATALOGUE NUMBER</td>
<td>DESCRIPTION</td>
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<tr>
<td>BULK-030</td>
<td>Dilu-Vial® with snap-on cap, bulk pack</td>
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</table>