

PCR Tube

(#60001/60008/60011/60018/60028/60048)

1. Description

SPL provides 0.2ml PCR tube in standardized form, applicable to almost all laboratory PCR equipments.

The wall of the PCR tube is designed relatively thin to optimally conduct heat to reaction solution. The tight sealing between tube body and its cap ensures minimal evaporation and prevents sample leakages. The cap is provided in 2 different forms, flat and dome. Flat type is useful when labeling is required, while dome type prevent reaction solution from binding to the cap surface.

SPL provides single type, composed of single PCR tube and its cap, and strip type, composed of 8 bodies and 8 caps connected horizontally or 8 bodies with attached cap.

2. Features

- ❖ Designed to prevent contamination
- ❖ Design for effective thermal conductivity
- ❖ Smooth opening and tight sealing
- ❖ 2 type tube: Single or Strip or Attached Cap Strip
- ❖ 2 type cap: Flat or Dome
- ❖ Separate Packaging of bodies and caps (Cat.No. 60008, 60018, 60028)

3. Functional Test

| | | |
|------------------|---|--------|
| Sterility | : | Passed |
| Cytotoxicity | : | Passed |
| Non-Pyrogenic | : | Passed |
| RNase/DNase free | : | Passed |
| DNA free | : | Passed |

4. Product Range

| Cat.No. | Material | Color | Cap Type | Tube Type | Total Volume (ml) | Sterile | Packaging |
|---------|----------|-------|---------------|-----------|-------------------|---------|------------|
| 60001 | PP | Clear | Flat | Single | 0.2 | - | 500 / 1000 |
| 60008 | PP | Clear | Flat | Strip | 0.2 | - | 120 / 120 |
| 60028 | PP | White | Flat | Strip | 0.2 | - | 120 / 120 |
| 60048 | PP | Clear | Attached Flat | Strip | 0.2 | - | 120 / 120 |
| 60011 | PP | Clear | Dome | Single | 0.2 | - | 500 / 1000 |
| 60018 | PP | Clear | Dome | Strip | 0.2 | - | 120 / 120 |

5. Certification

SPL Life Sciences hereby certifies that the product identified above, inspected to be in compliance with product quality specification and requirements as documented in our ISO 9001:2015 Quality Management System (K-QA-Q031478) in Korea.

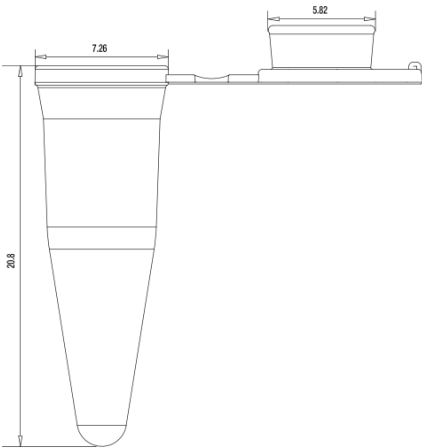
6. Specifications & Technical Drawing

(1) PCR Tube (Single Type Flat Cap, # 60001)

- Specifications

| Dimensions | | Material (Resin) | Packaging |
|------------|----------|--------------------|---|
| Diameter: | 7.26 mm | Polypropylene (PP) | ▪ Pieces/Sleeve: 500 ▪ Pieces/Case: 1000 |
| Height: | 20.80 mm | | |
| Volume: | 0.20 ml | | |

- Technical Drawing

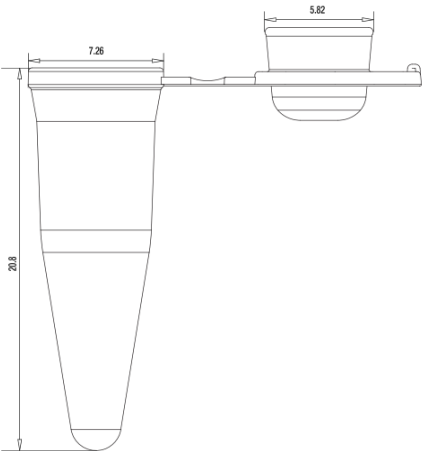


(2) PCR Tube (Single Type Dome Cap, # 60011)

- Specifications

| Dimensions | | Material (Resin) | Packaging |
|------------|----------|--------------------|---|
| Diameter: | 7.26 mm | Polypropylene (PP) | ▪ Pieces/Sleeve: 500 ▪ Pieces/Case: 1000 |
| Height: | 20.80 mm | | |
| Volume: | 0.20 ml | | |

- Technical Drawing

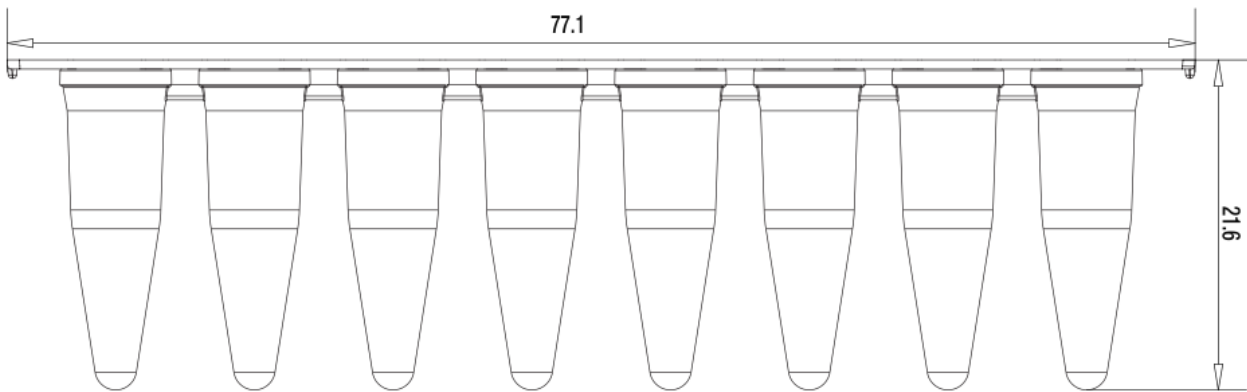


(3) PCR Tubr (Stip Type Flat Cap, # 60008/60028)

- Specifications

| Dimensions | | Material (Resin) | Packaging |
|--------------|----------|--------------------|--|
| Diameter: | 7.26 mm | Polypropyrene (PP) | ▪ Pieces/Sleeve: 120 ▪ Pieces/Case: 120 |
| Height: | 21.60 mm | | |
| Width: | 77.10 mm | | |
| Volume/Tube: | 0.20 ml | | |

- Technical Drawing

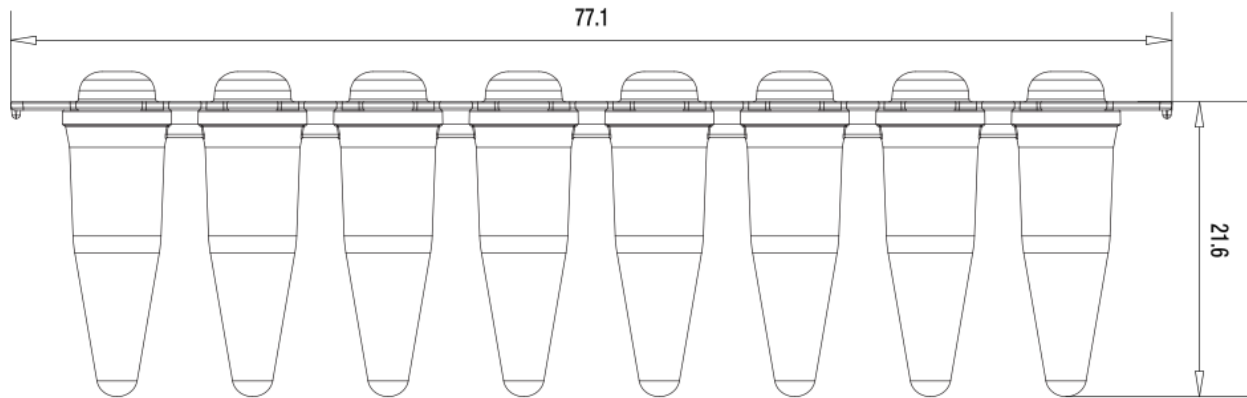


(4) PCR Tube (Strip Type Dome Cap, # 60018)

- Specifications

| Dimensions | | Material (Resin) | Packaging |
|--------------|----------|--------------------|--|
| Diameter: | 7.26 mm | Polypropyrene (PP) | ▪ Pieces/Sleeve: 120 ▪ Pieces/Case: 120 |
| Height: | 21.60 mm | | |
| Width: | 77.10 mm | | |
| Volume/Tube: | 0.20 ml | | |

- Technical Drawing

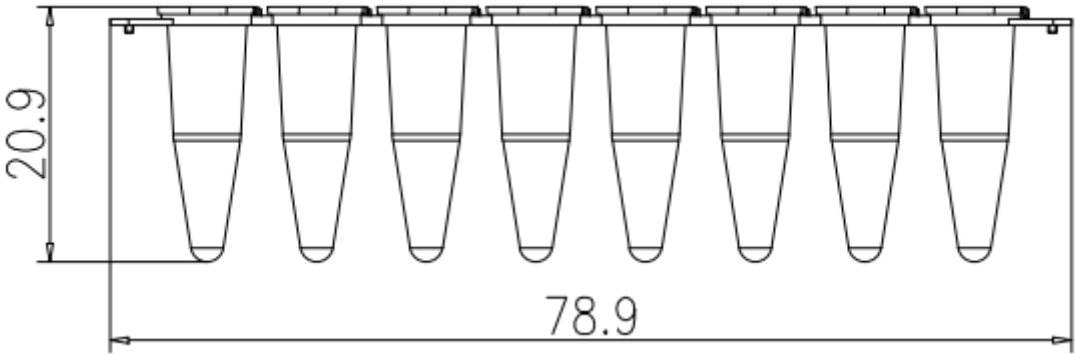


(5) PCR Tube (Strip Type Attached Flat Cap, # 60048)

- Specifications

| Dimensions | | Material (Resin) | Packaging |
|--------------|----------|--------------------|--|
| Diameter: | 7.26 mm | Polypropyrene (PP) | Pieces/Sleeve: 120 ▪ Pieces/Case: 120 |
| Height: | 20.90 mm | | |
| Width: | 78.90 mm | | |
| Volume/Tube: | 0.20 ml | | |

- Technical Drawing



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For technical assistance, contact SPL R&D Center at:
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