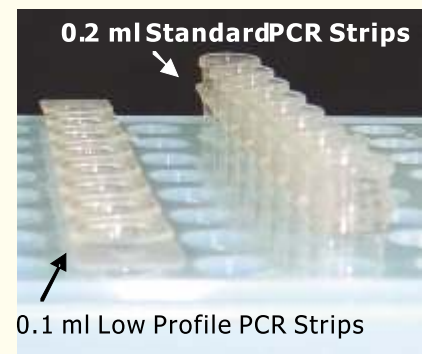


Low Profile 8-Strips & caps QPCR/PCR tube

Although low profile tubes were introduced in the marketplace back in 2000, some companies have renamed the original low profile 0.2 ml vessels description to 0.1 ml "vessel". Low profile (0.1 ml) products are used in "fast cyclers" from ABI, Roche LightCycler ® 480 systems as well in qPCR cyclers with height adjustable lids. The difference between low profile 0.1 ml vessels and regular products is the height of the product and consequently the volume it can hold. More than half of a regular-profile strip remains above the thermal block level. In low profile tubes there is a smaller "air" volume above the reaction mix than in regular and high profile tubes. This allows less reaction mix to go into gas phase, leading to less concentration of the samples, less change in reaction conditions and therefore to more reproducible results. Most fast cyclers accept low profile tubes, strips and plates. Most regular PCR cyclers accept standard PCR tubes products. (tubes, tube-strips and plates).

Low Profile PCR Tube Strips feature uniform, thin walls that give optimal and consistent heat transfer, reducing variation between samples. The low binding interior surface prevents reaction components from binding to side walls, ensuring maximum yield. The tight sealing strip caps minimize sample evaporation and allow for low reaction volumes. Low-profile design reduces dead space between cyler heated lid and sample, eliminating condensation on tube side, preventing reduction in PCR volume, and increasing reaction efficiency. Can be cut into individual tubes.



Cat No	specification	
4231-000	8well Optically Clean Strip caps	250` s /box
4141-000	8well Strips Low Profile Strips Tubes	250` s /box
4051-000	8well Optically Clean Strip caps and Low Profile Strips Tubes	120` s /box
4041-000	8well Strips Caps and Low Profile Strips Tubes	250` s /box